

*Figure 1*

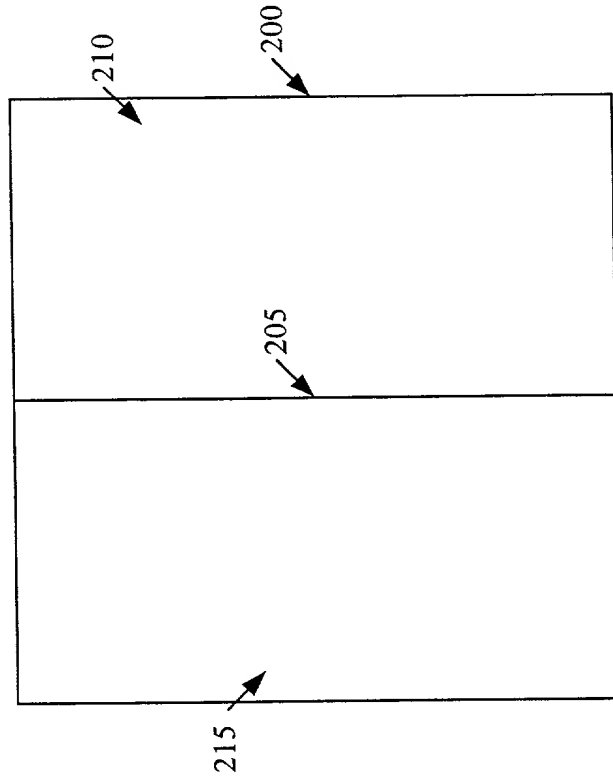


Figure 2

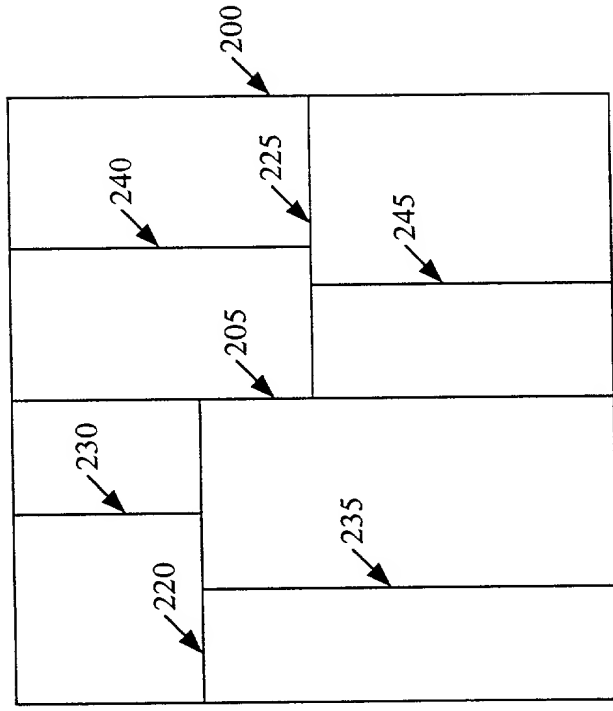


Figure 3

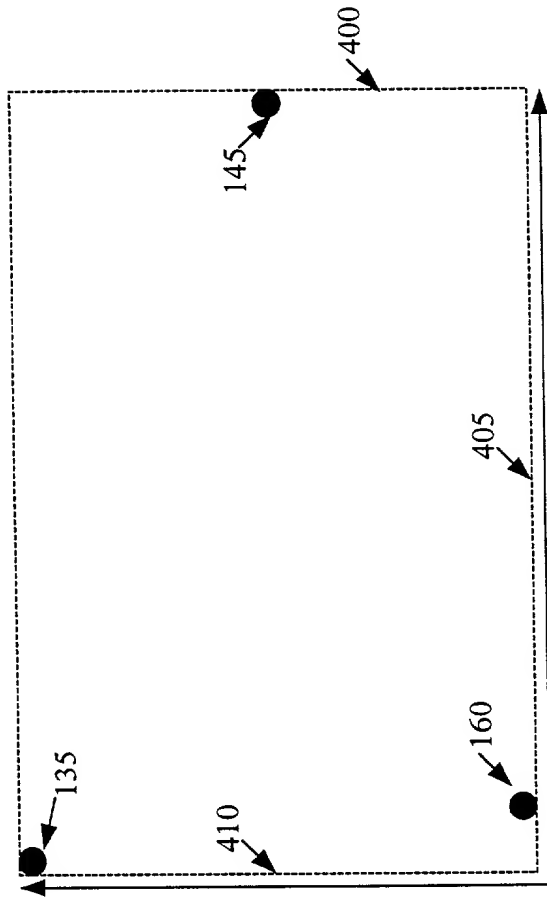


Figure 4

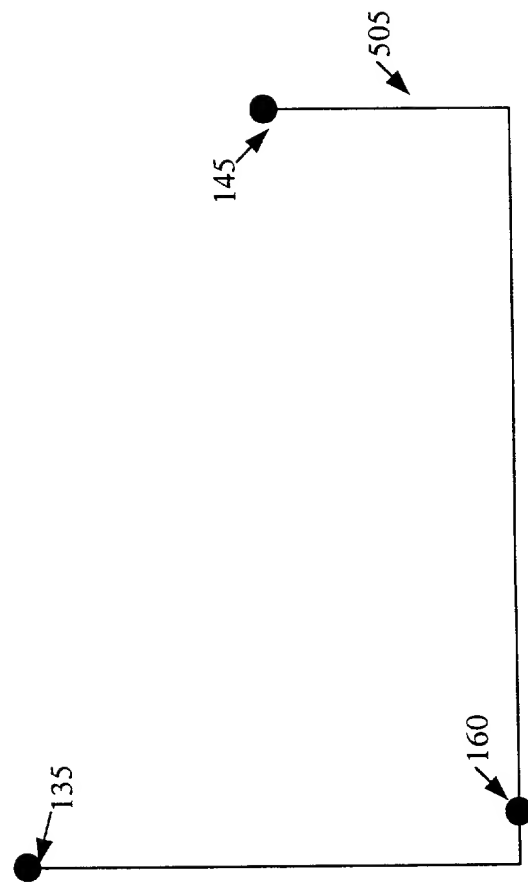
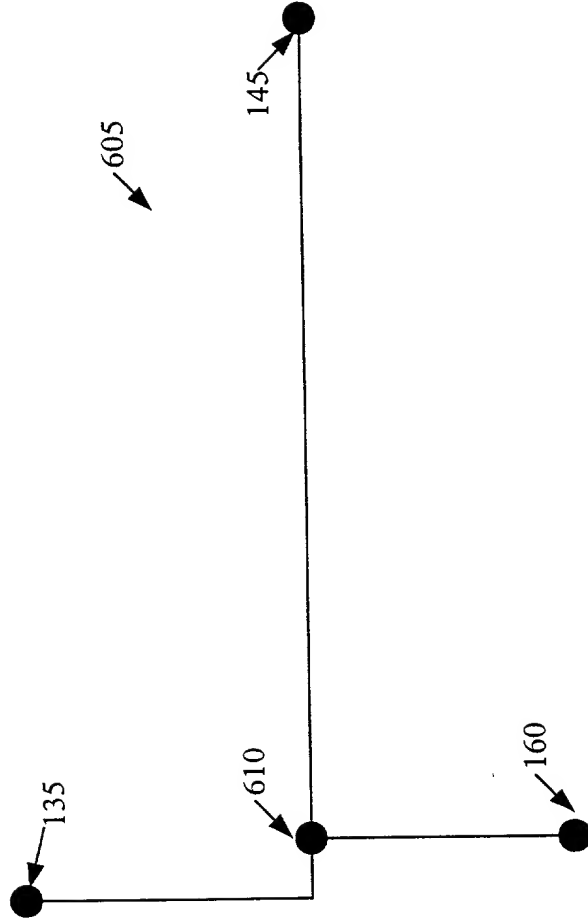


Figure 5



*Figure 6*

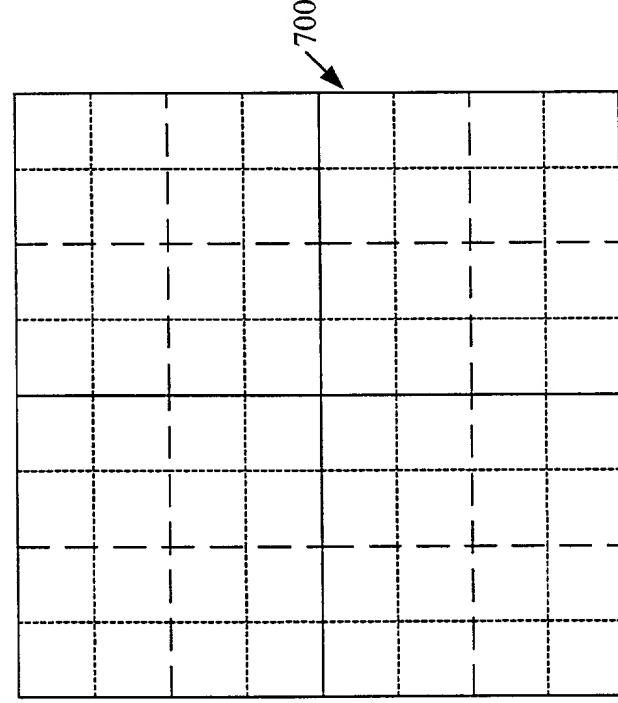


Figure 7

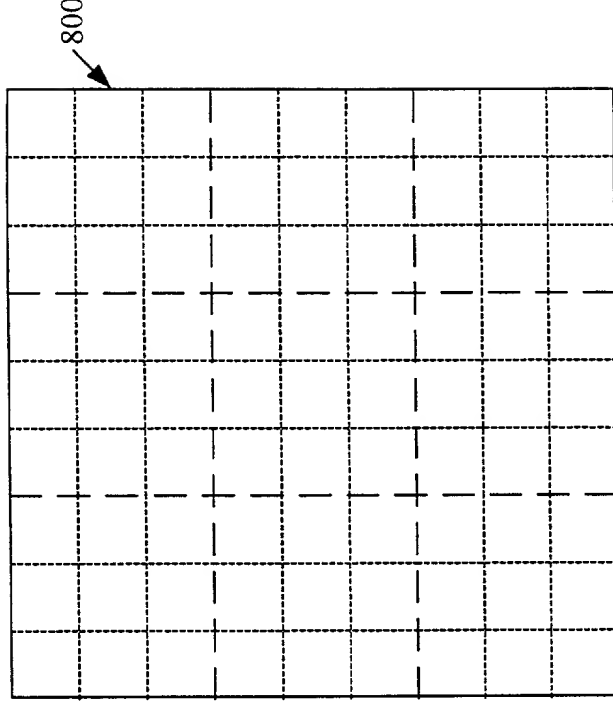


Figure 8

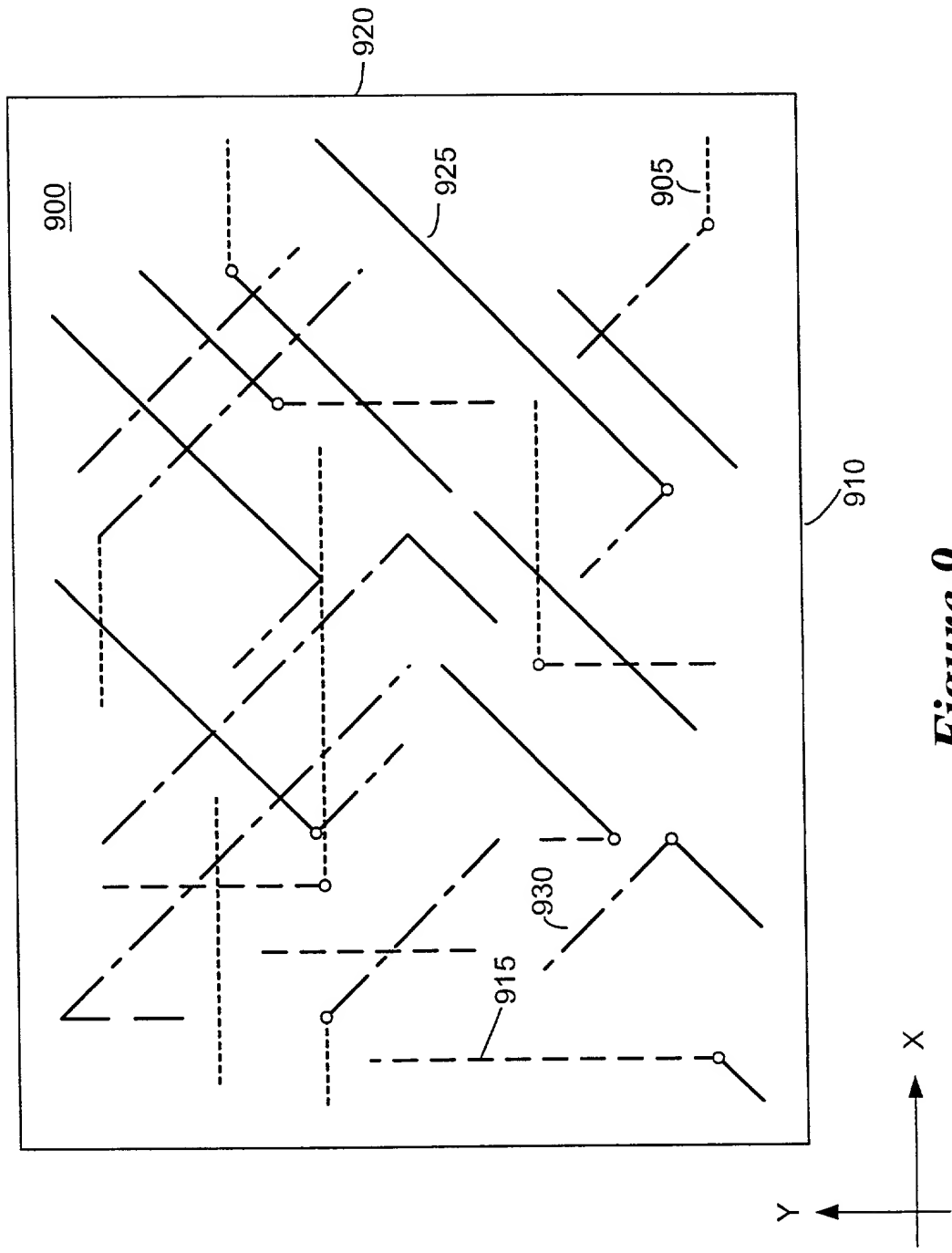
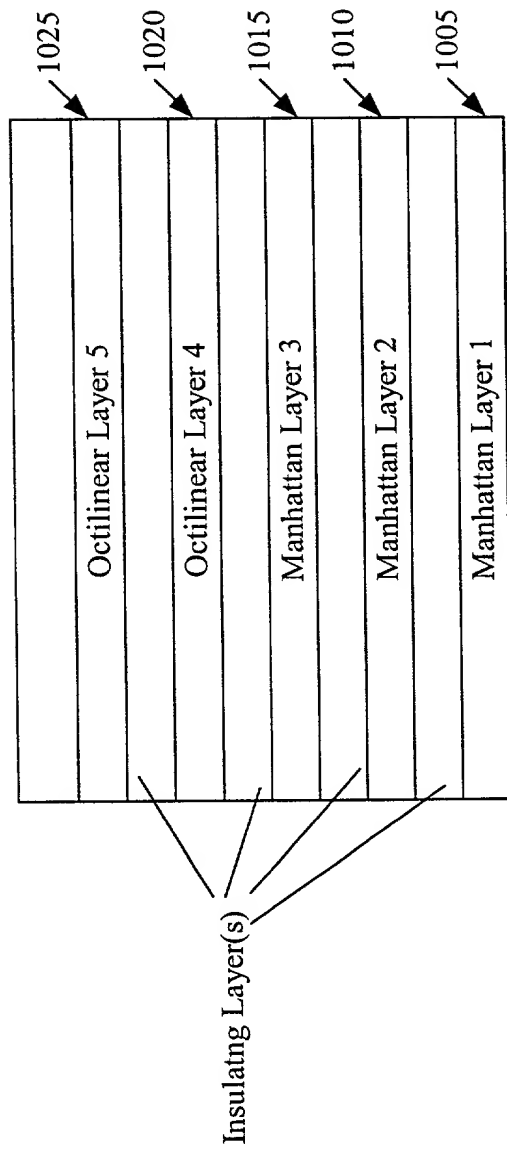
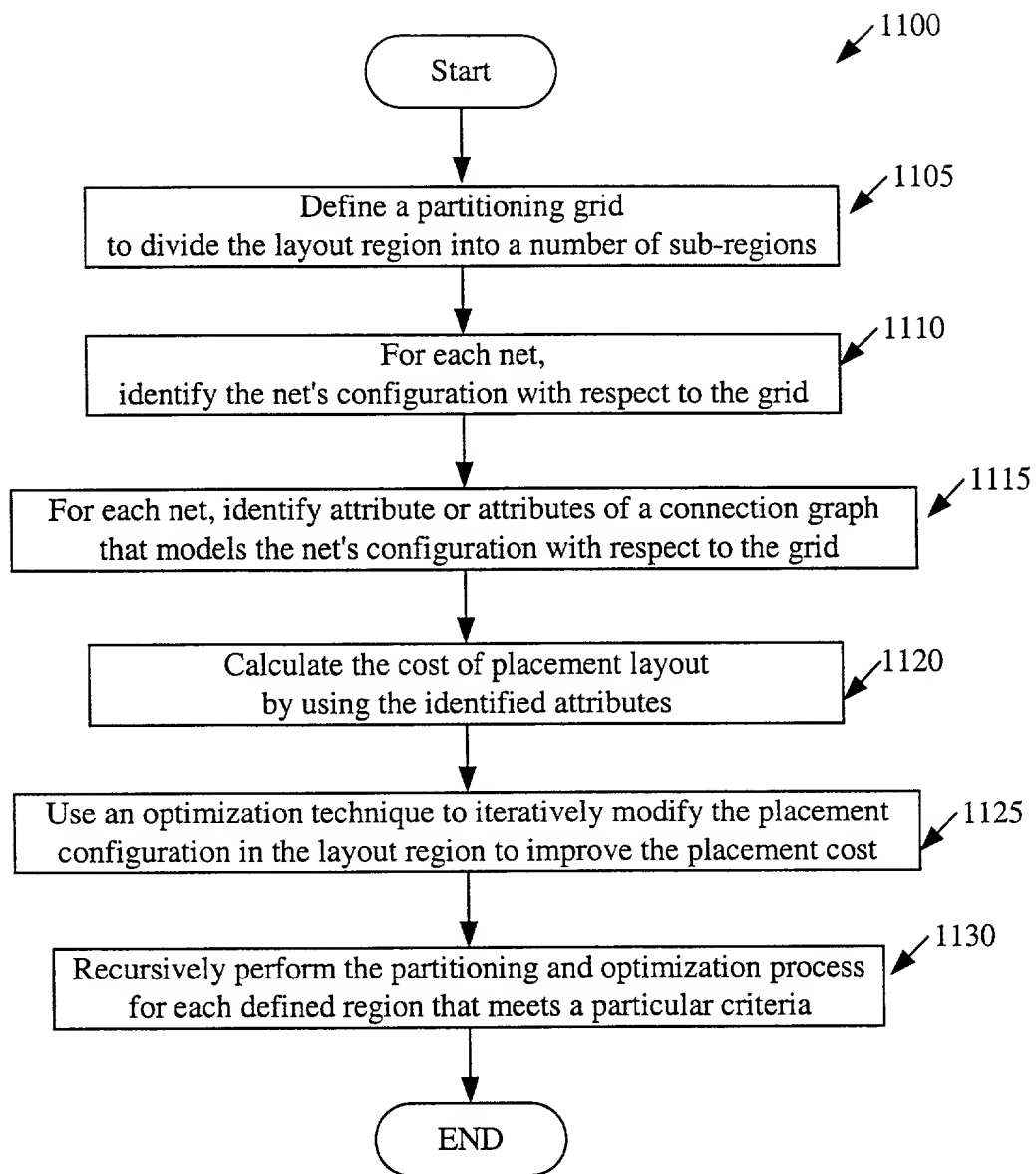


Figure 9



*Figure 10*



**Figure 11**



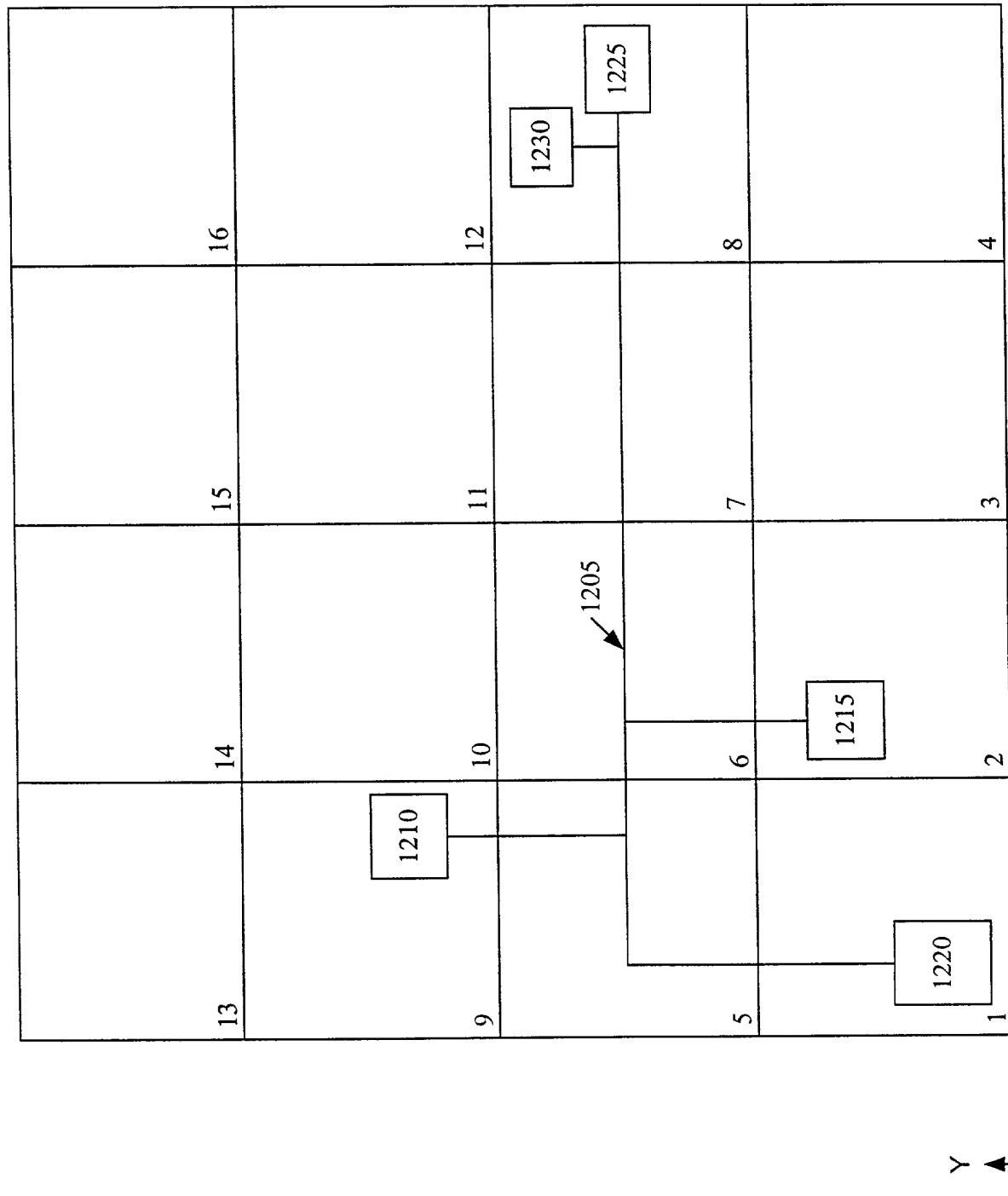
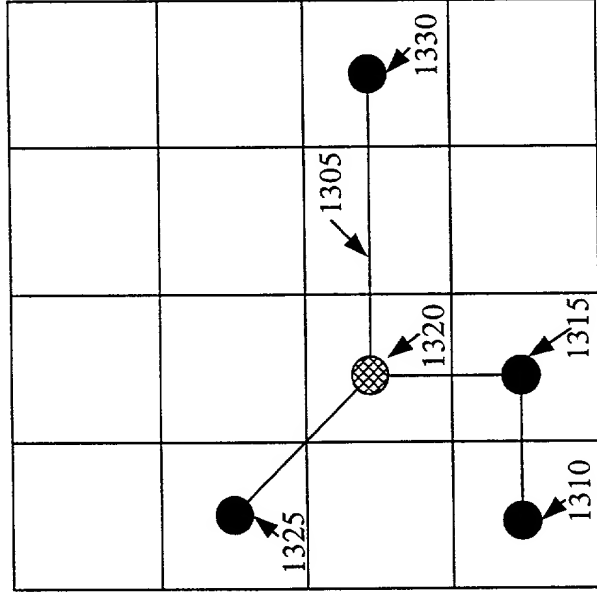


Figure 12



*Figure 13*

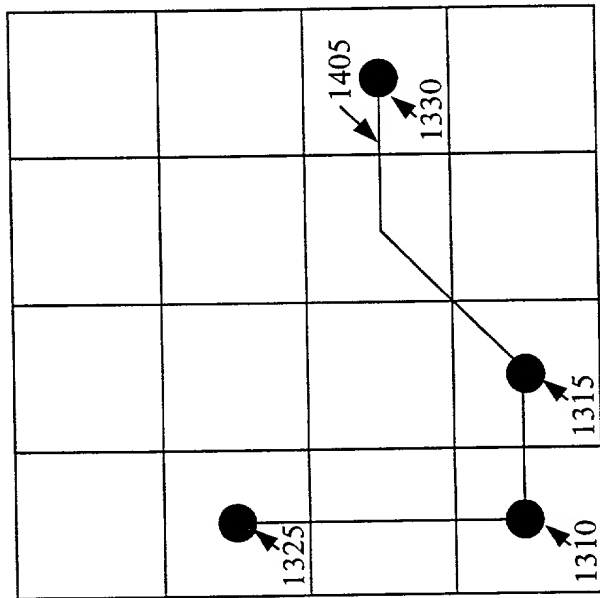


Figure 14

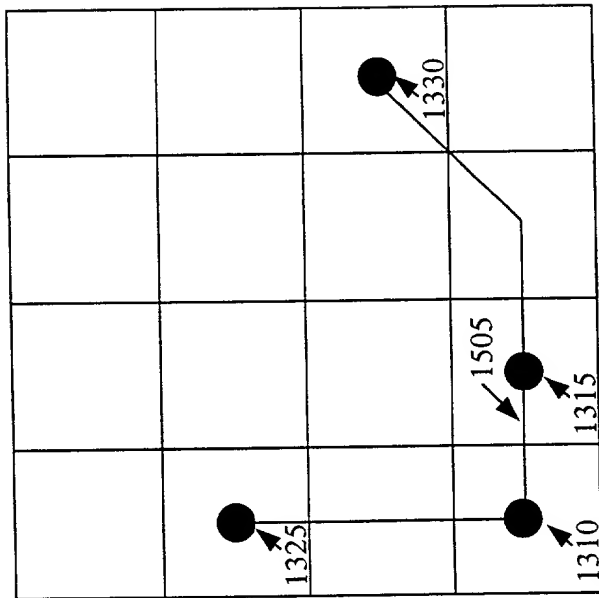


Figure 15

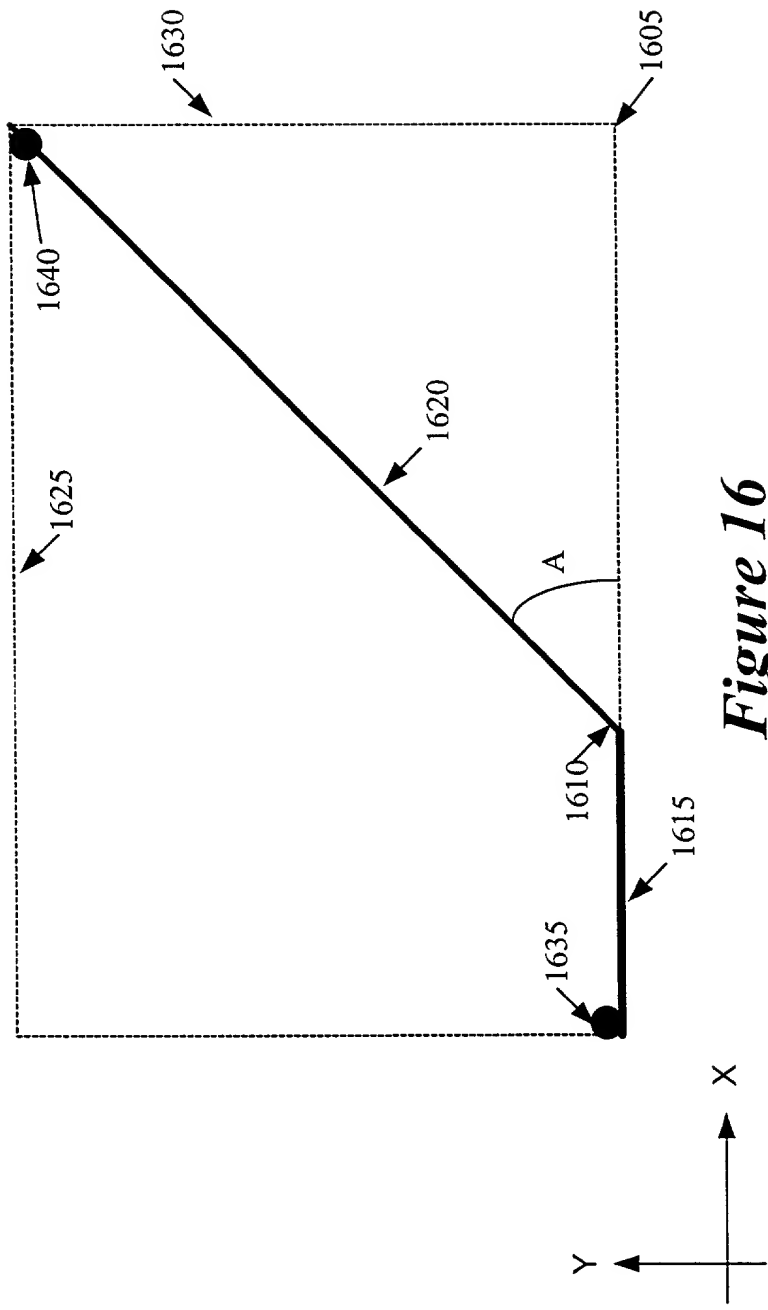
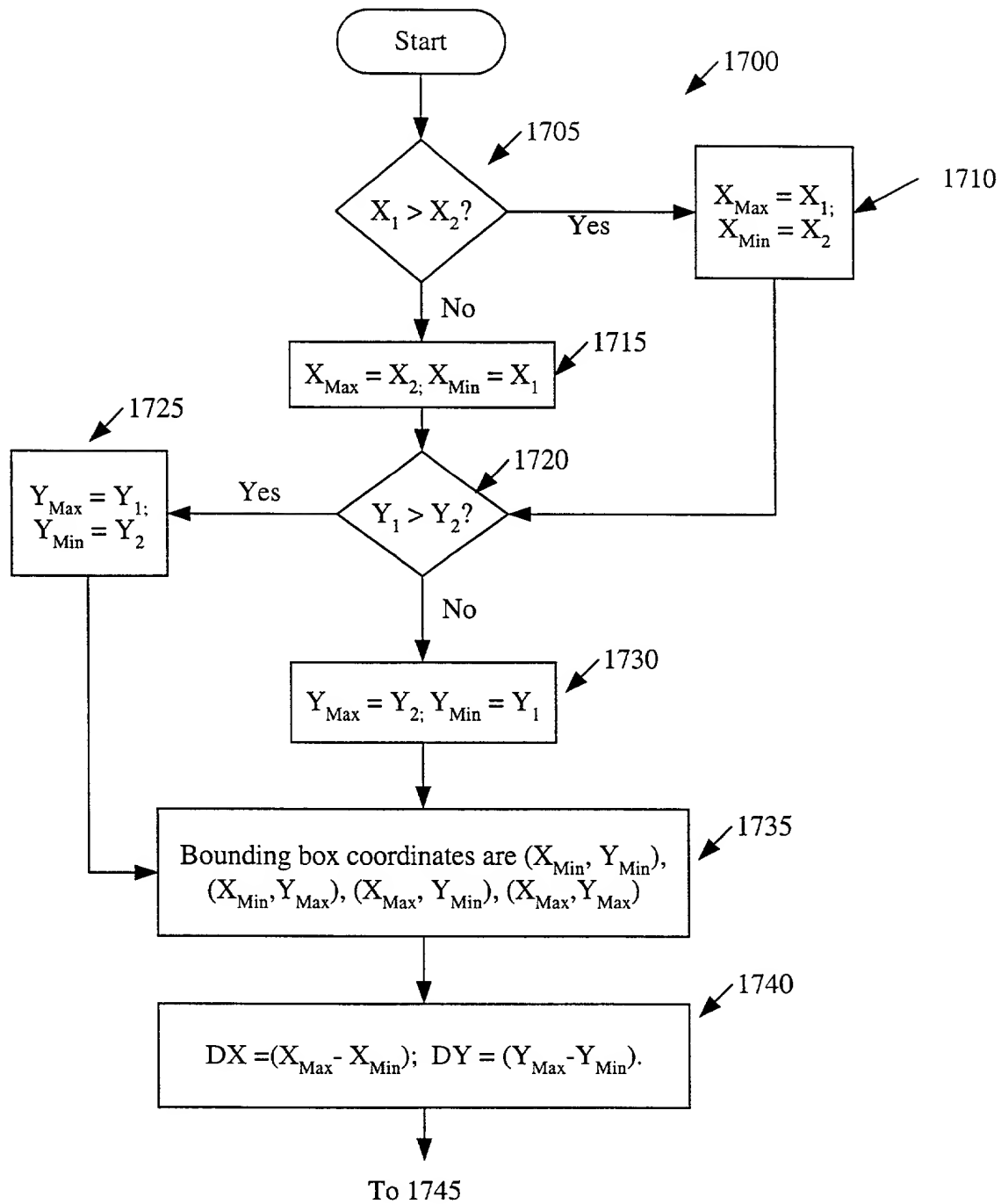
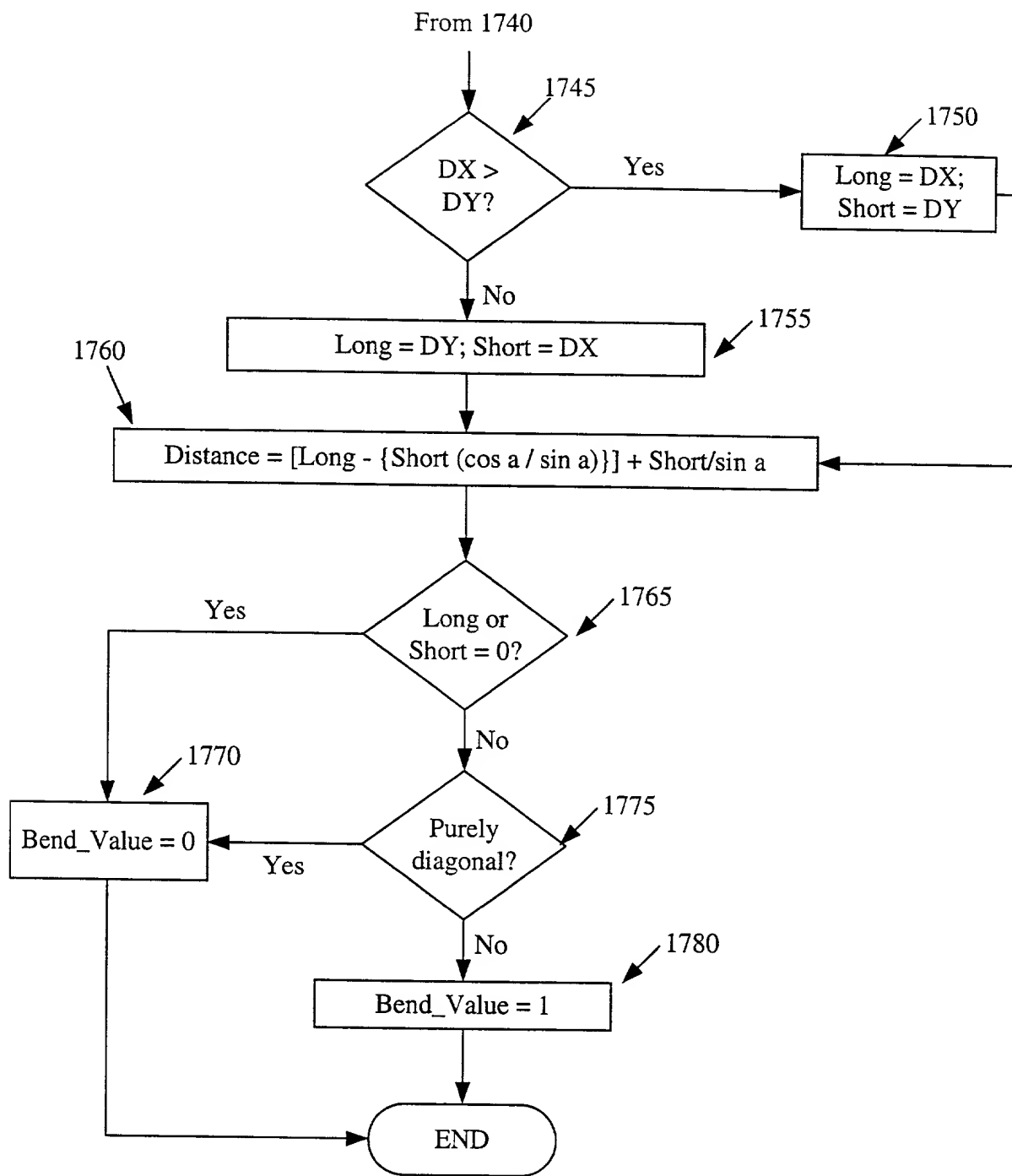


Figure 16

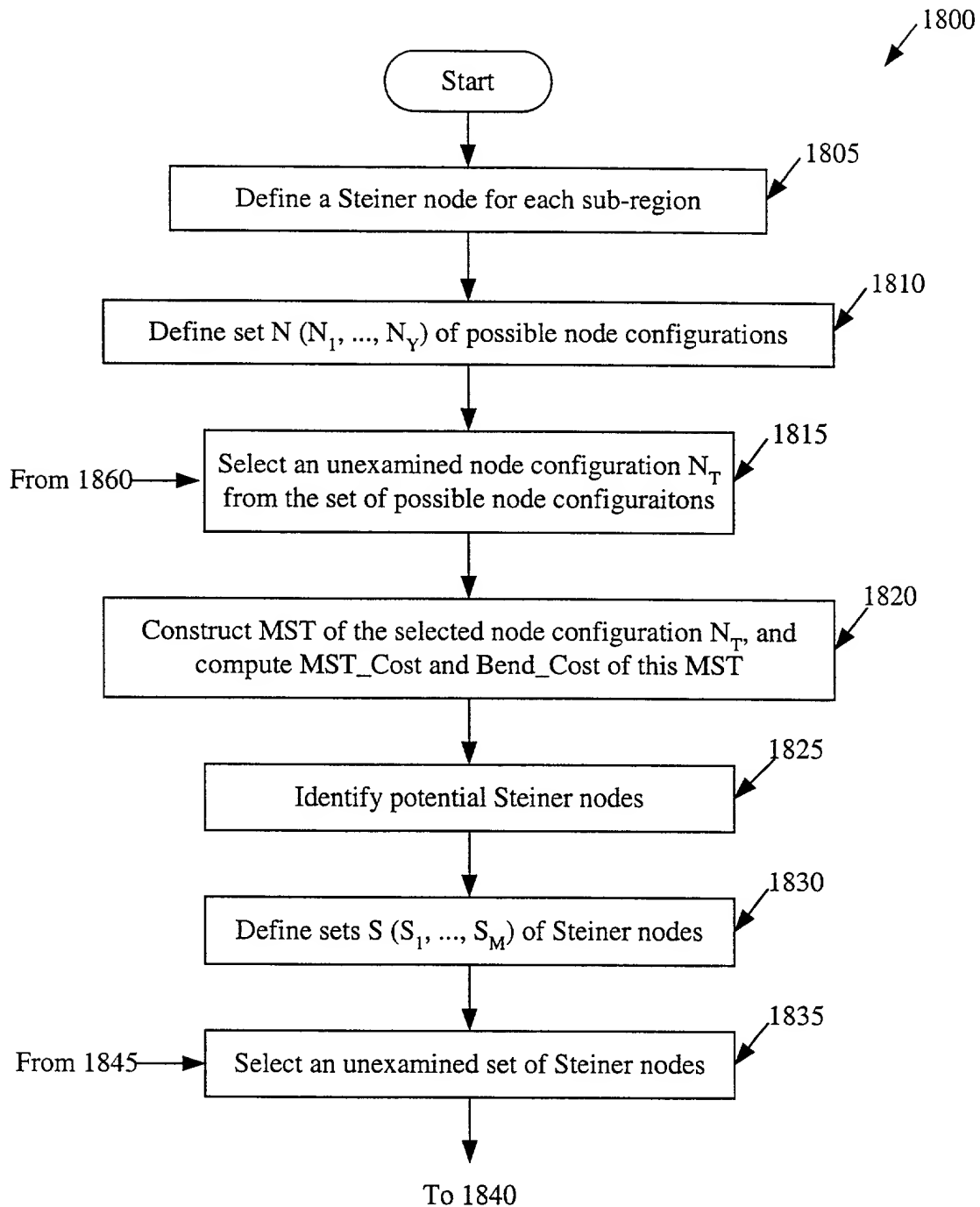


**Figure 17A**

**Figure 17:**  $\frac{\text{Figure 17A}}{\text{Figure 17B}}$

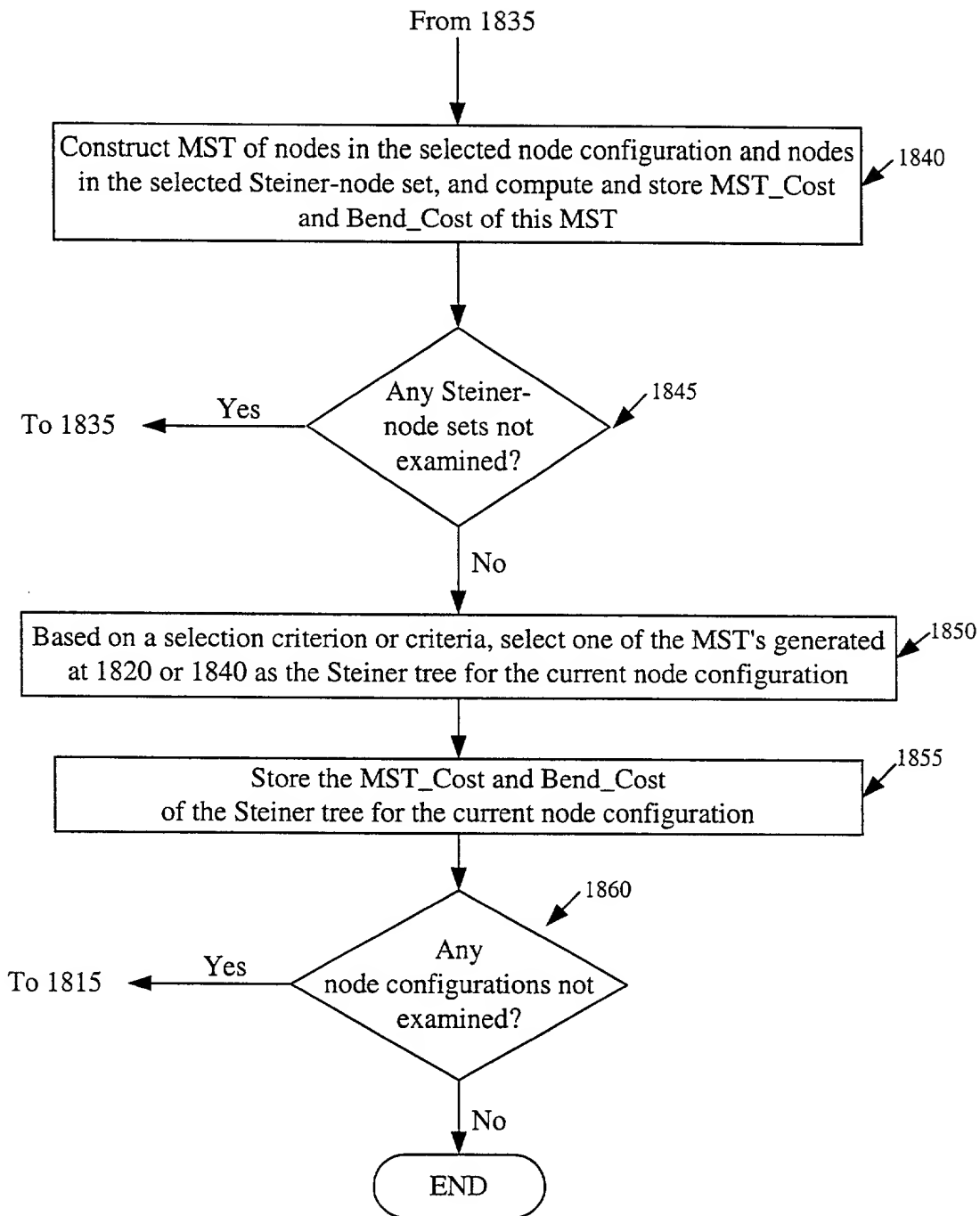


**Figure 17B**



**Figure 18A**

**Figure 18:** Figure 18A  
Figure 18B



**Figure 18B**



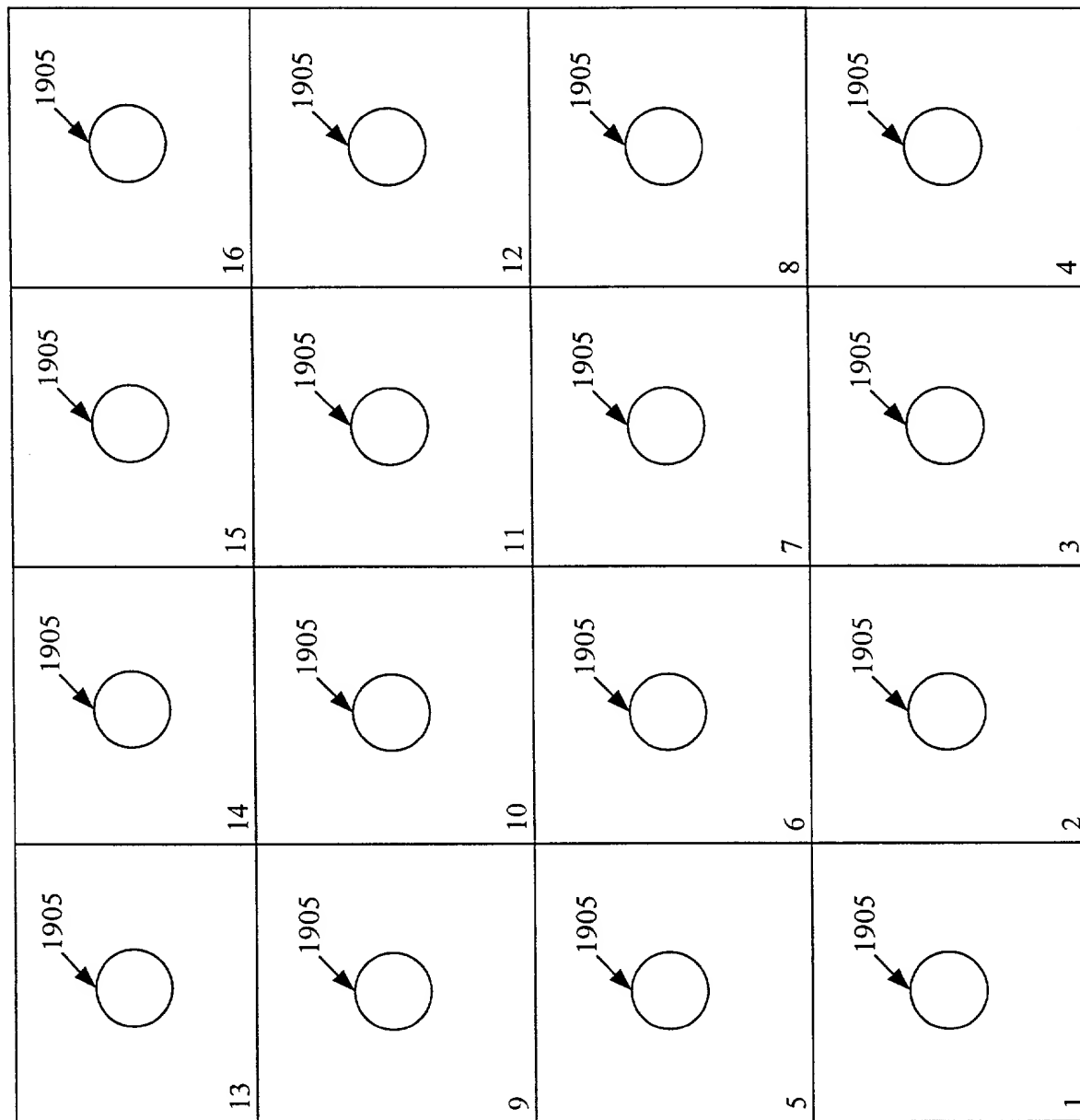


Figure 19

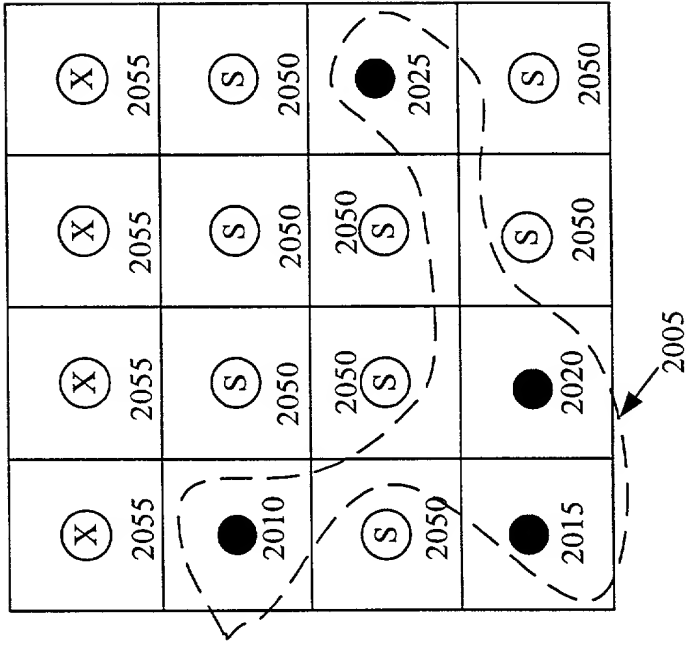
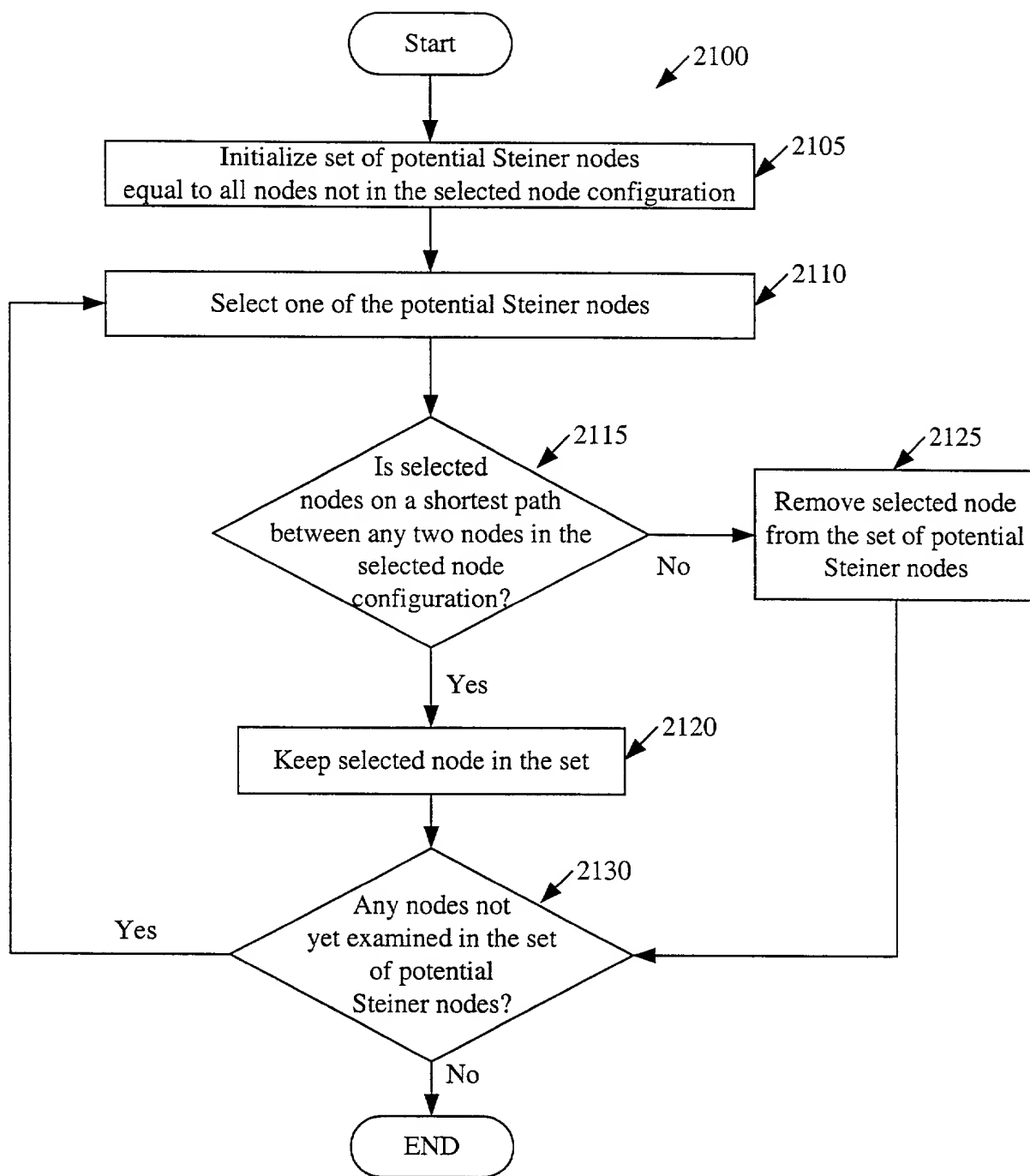
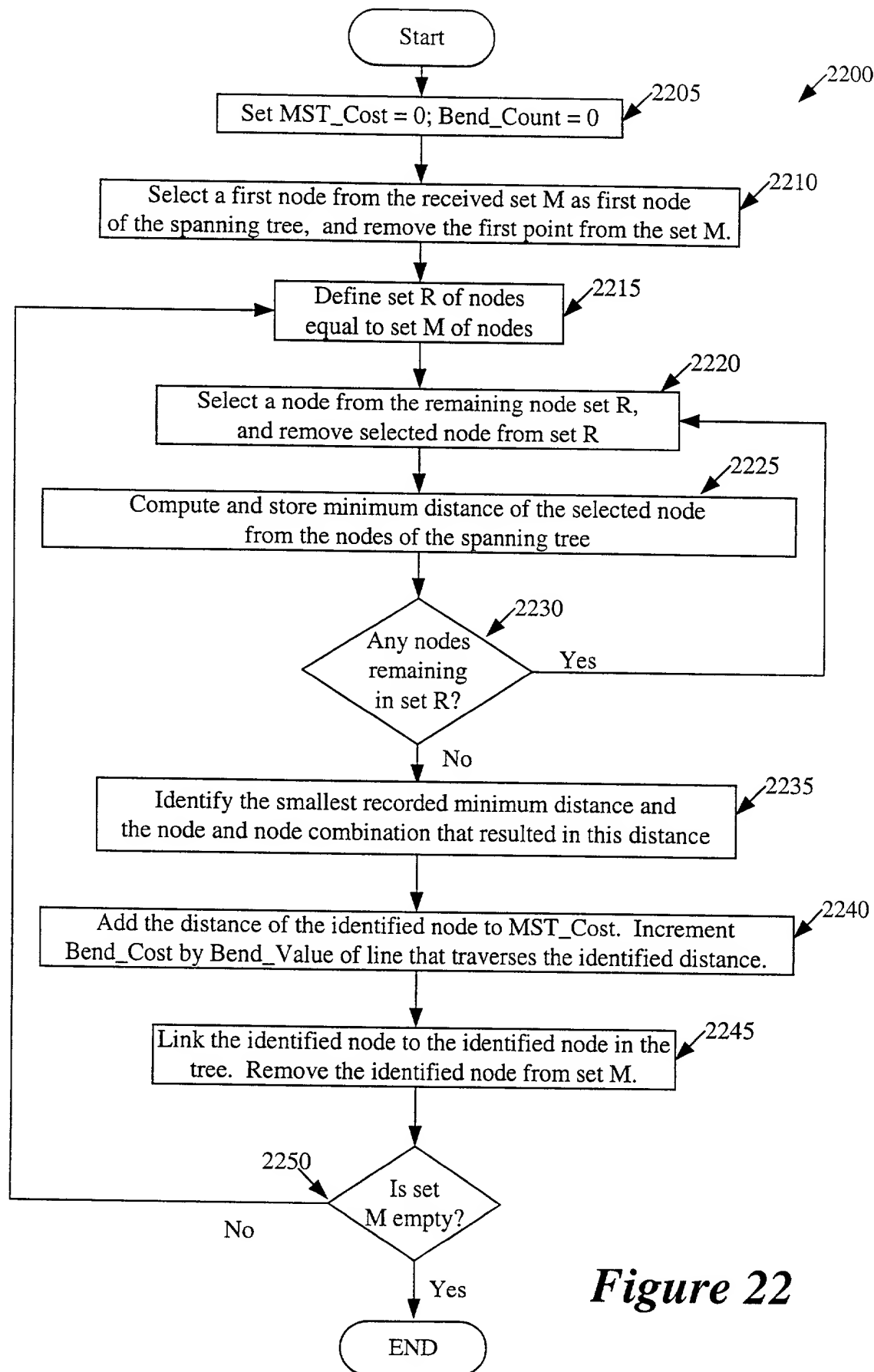


Figure 20



**Figure 21**



**Figure 22**

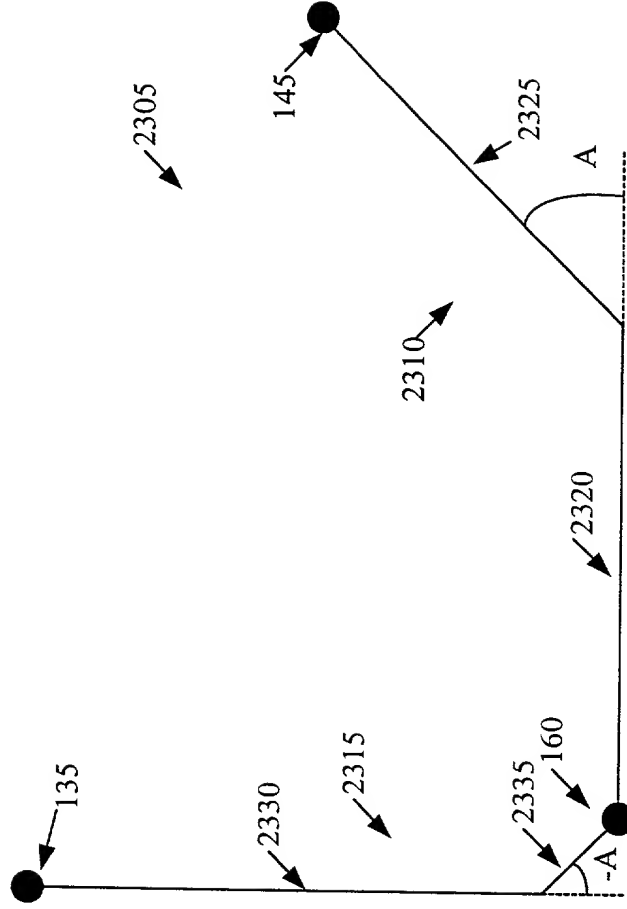


Figure 23



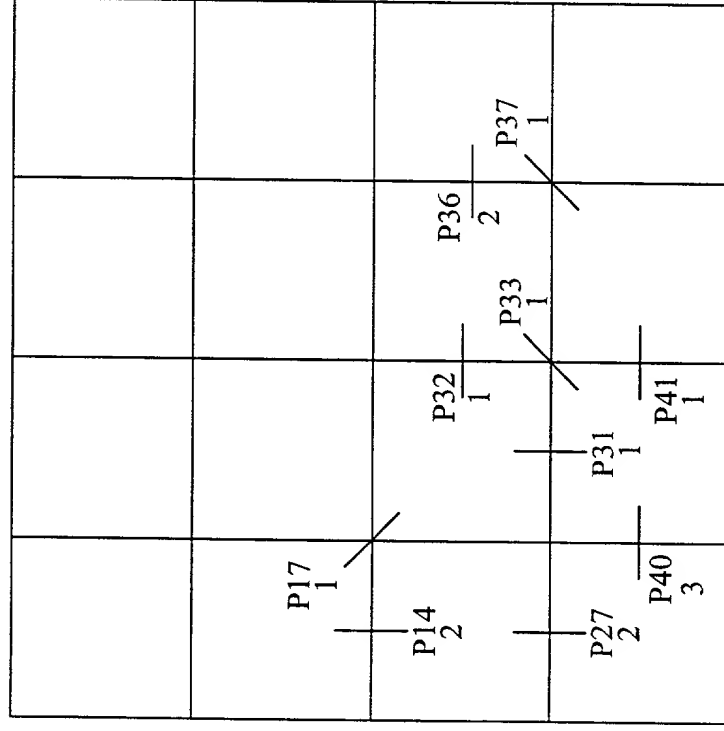


Figure 26

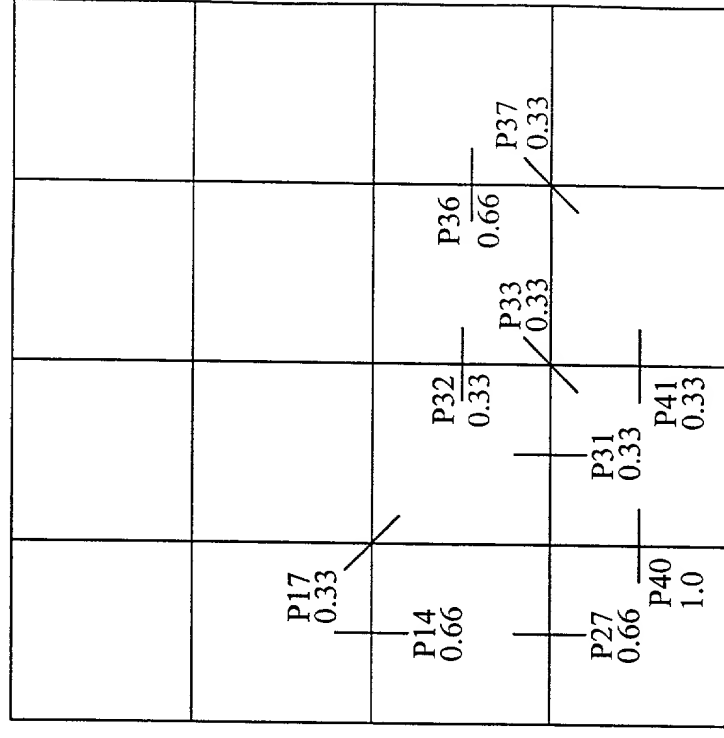


Figure 27

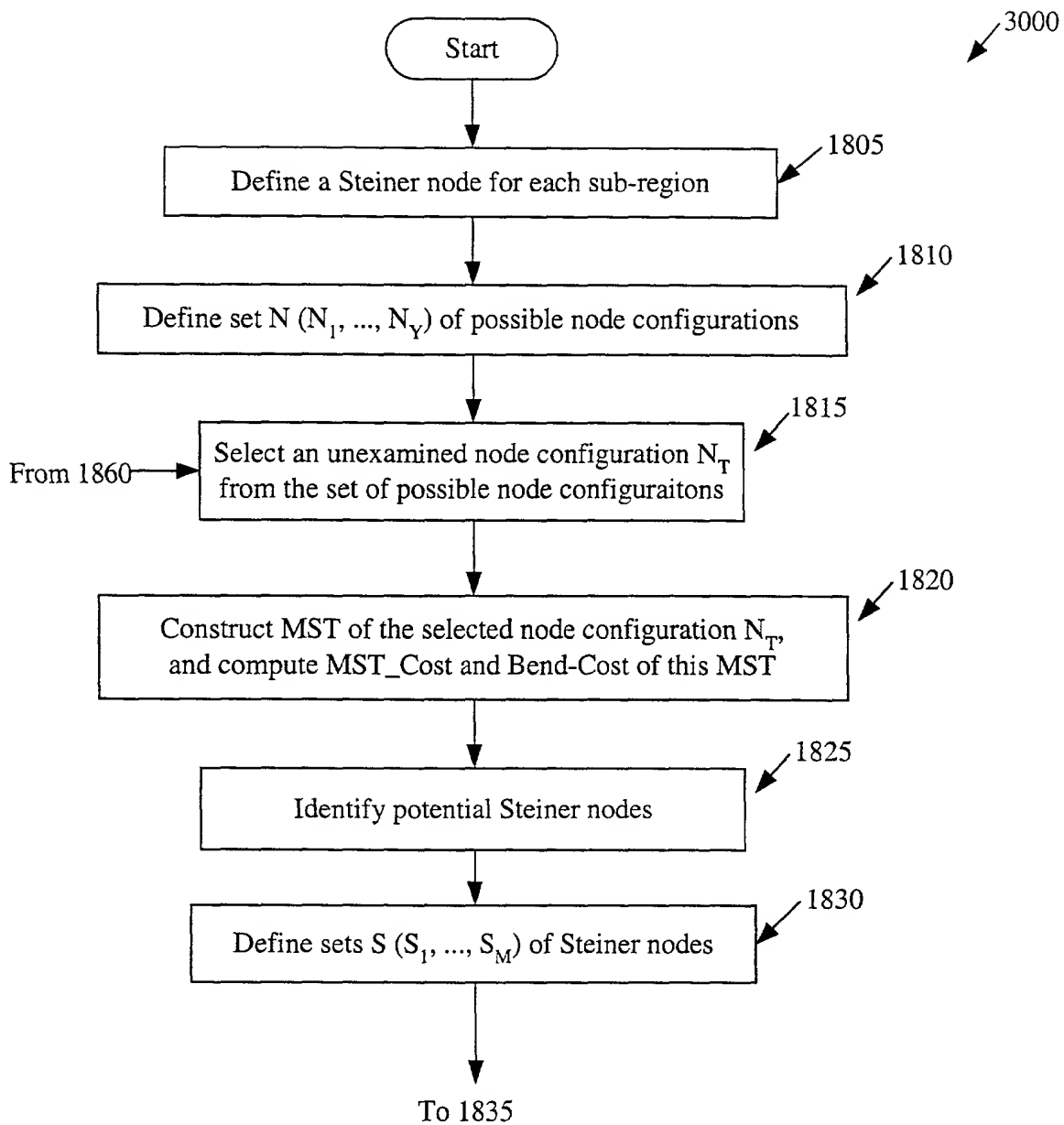
		E17 1		
E14 2			E32 1	
				E36 2
E27 2			E31 1	
				E33 1
				E37 1
			E40 3	
				E41 1

Figure 28

		E17 0.33		
E14 0.66			E32 0.33	
				E36 0.66
E27 0.66			E31 0.33	
				E33 0.33
				E37 0.33
			E40 1.0	
				E41 0.33

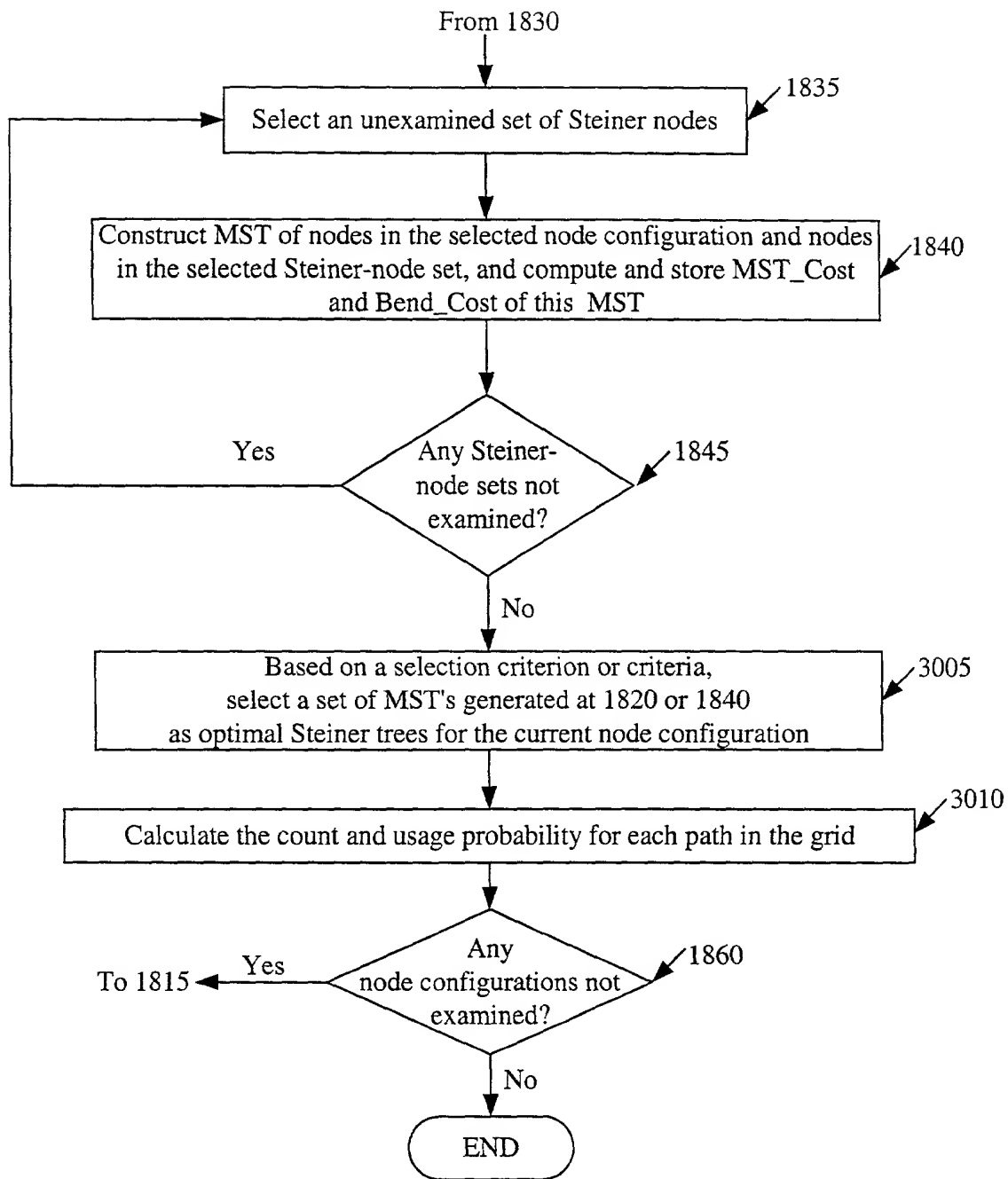
Figure 29



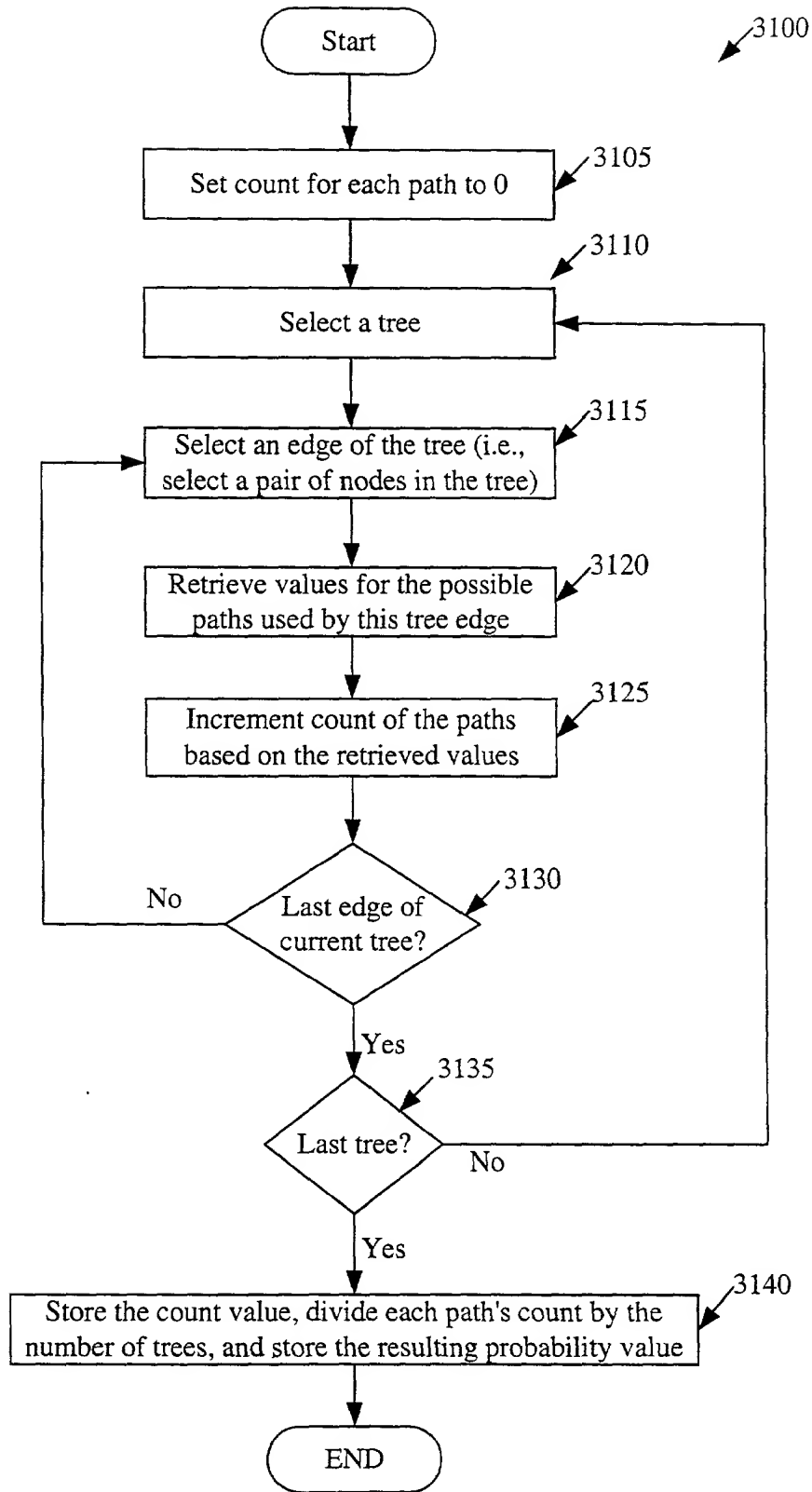


**Figure 30A**

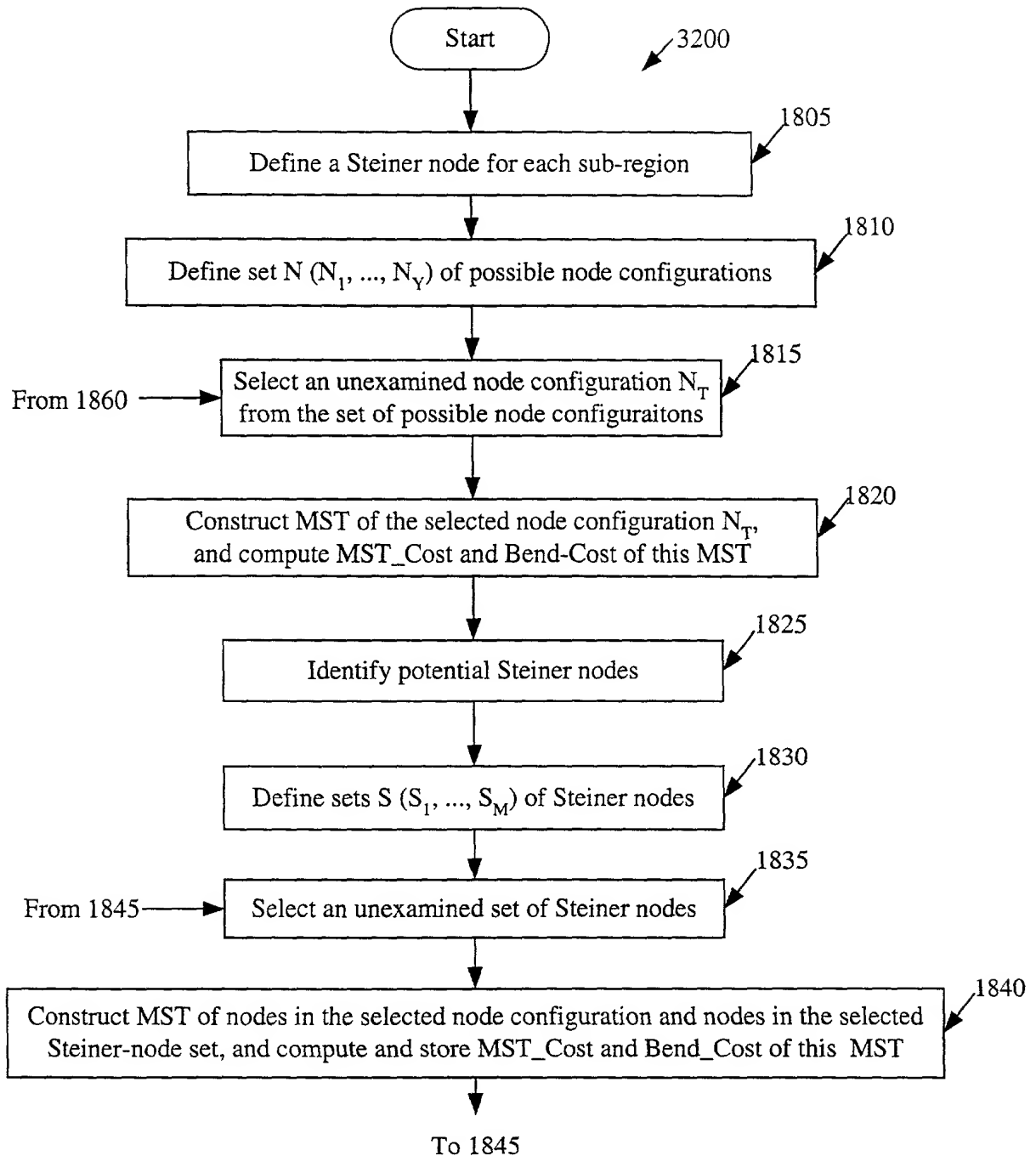
**Figure 30:**  $\frac{\text{Figure 30A}}{\text{Figure 30B}}$



**Figure 30B**

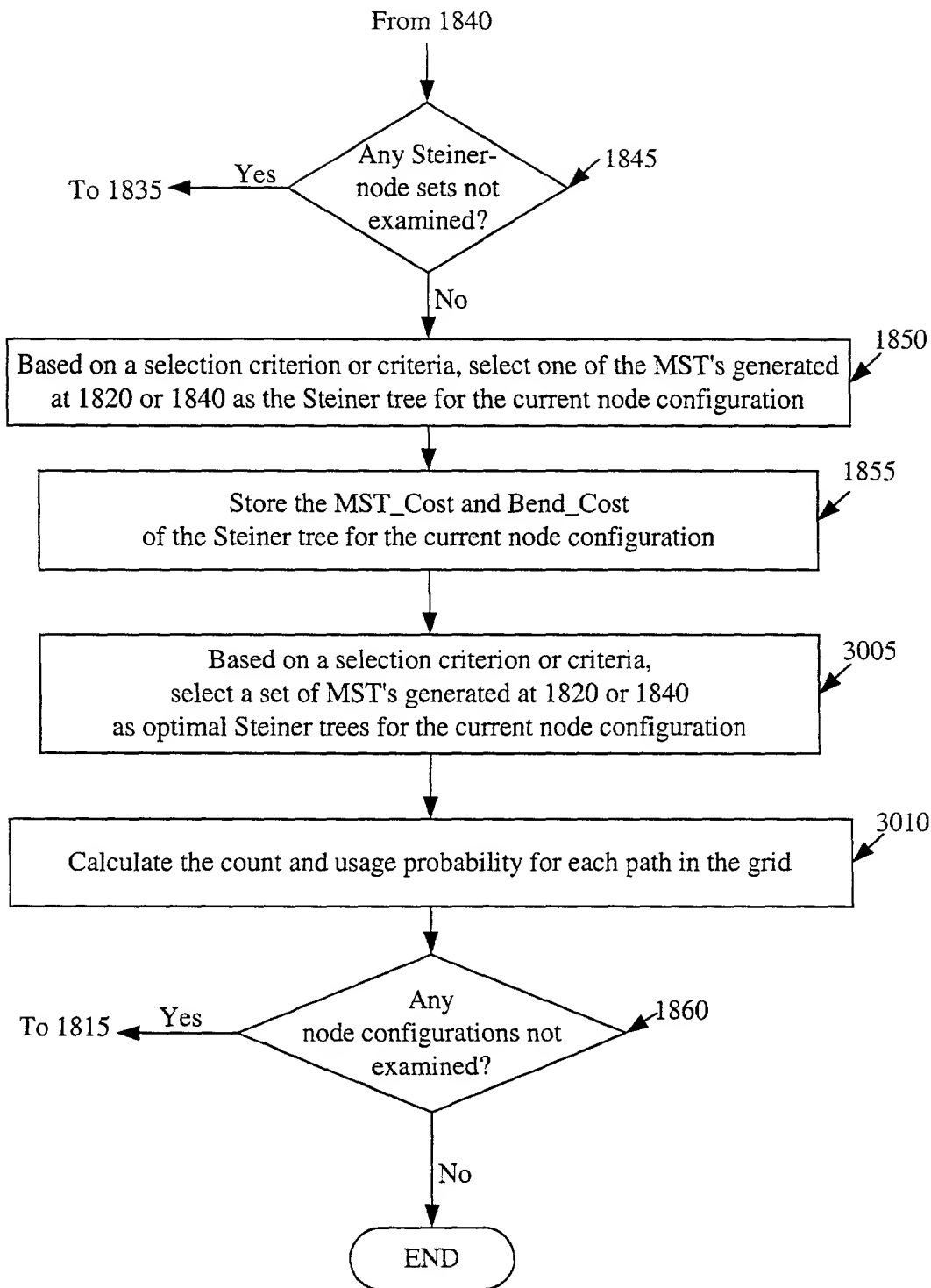


**Figure 31**

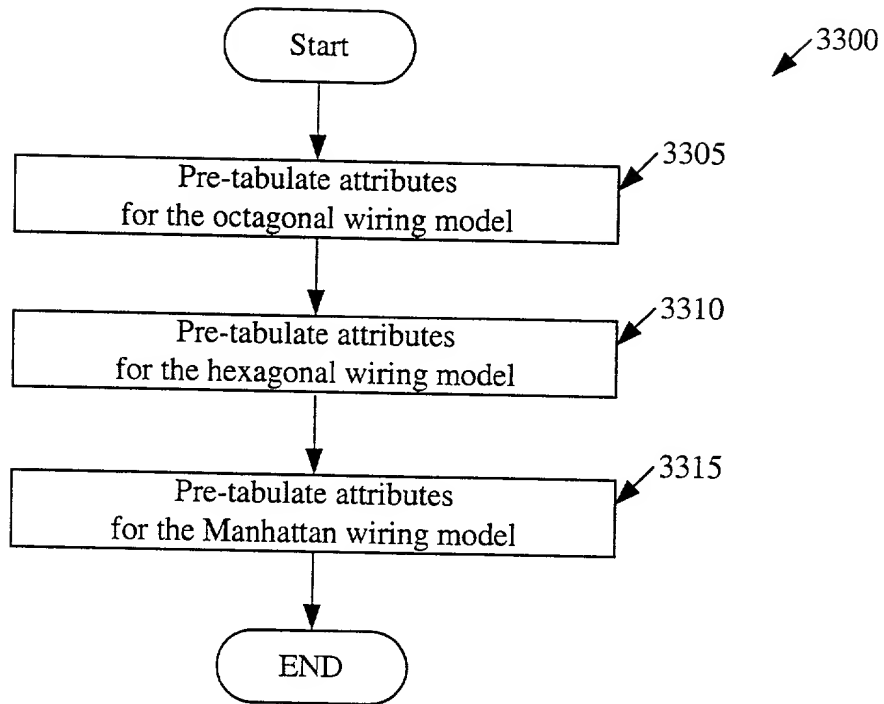


**Figure 32A**

**Figure 32:**  $\frac{\text{Figure 32A}}{\text{Figure 32B}}$



**Figure 32B**



*Figure 33*

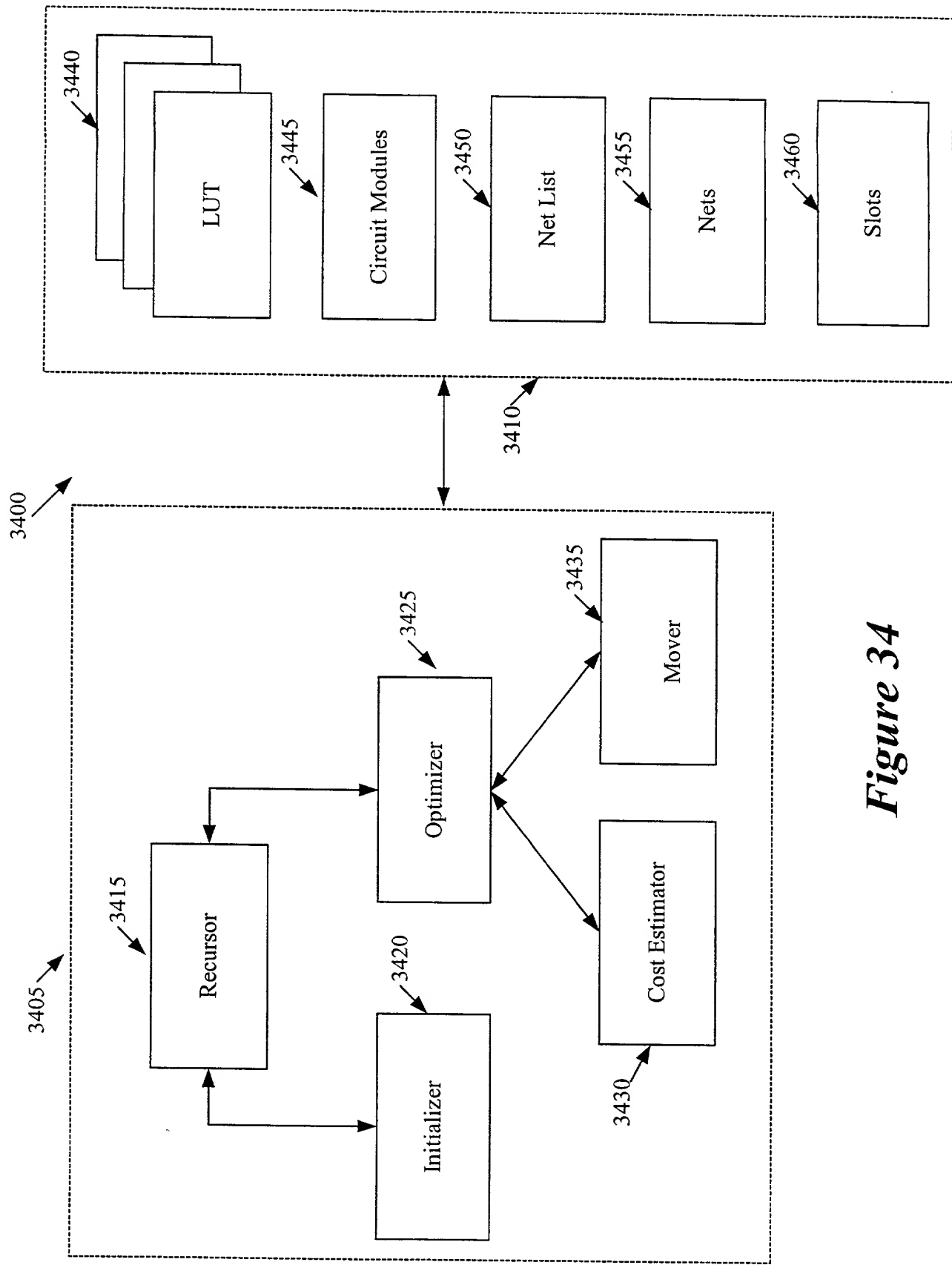


Figure 34

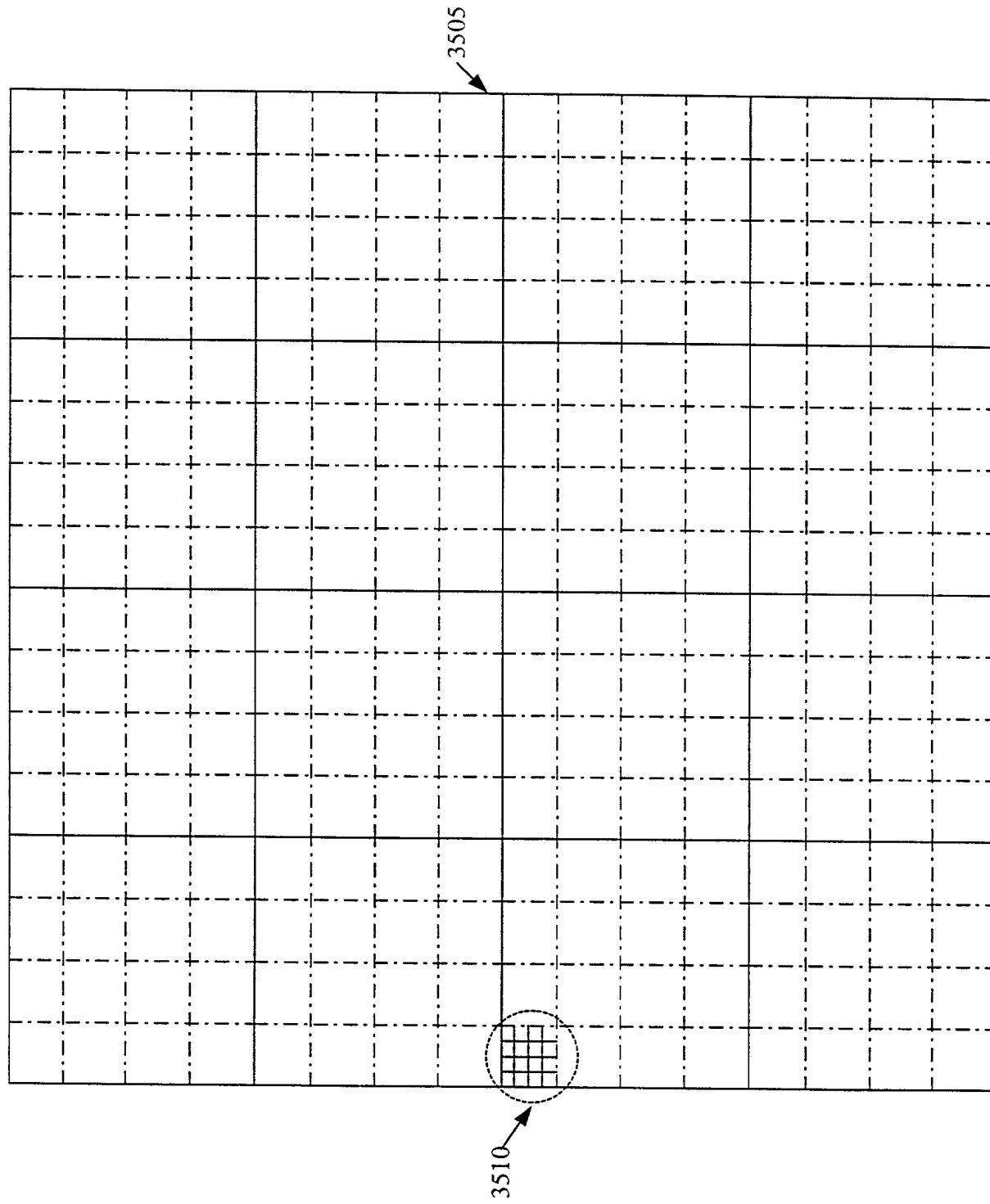


Figure 35



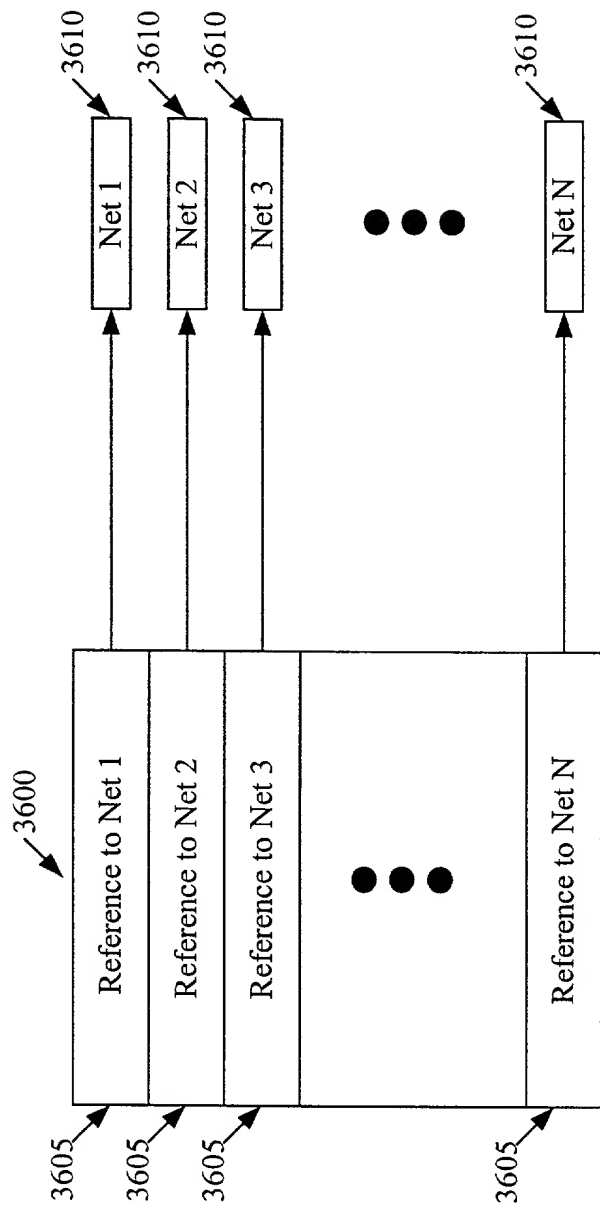


Figure 36

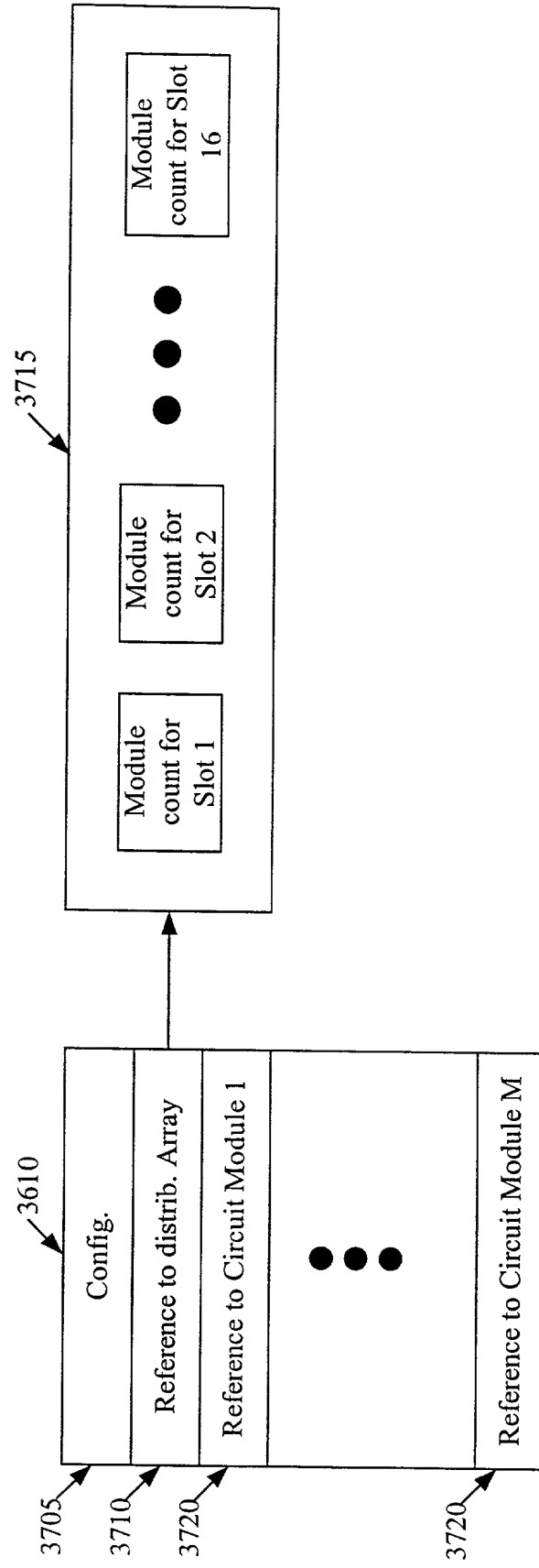


Figure 37

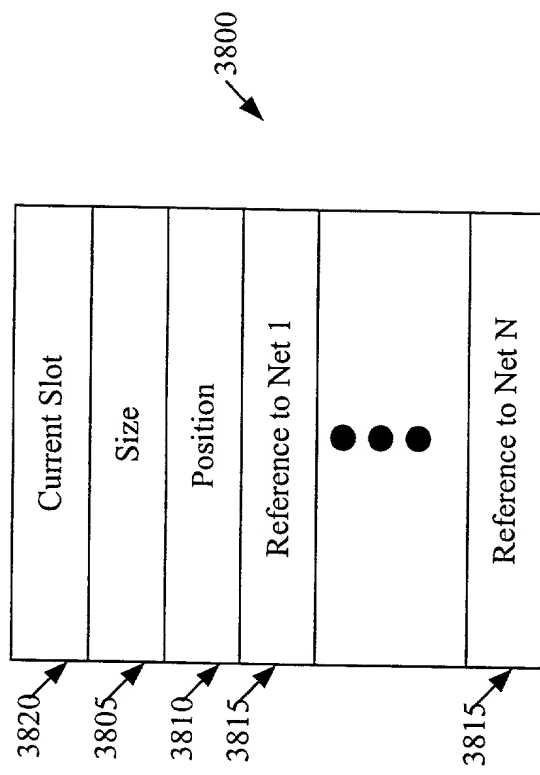


Figure 38

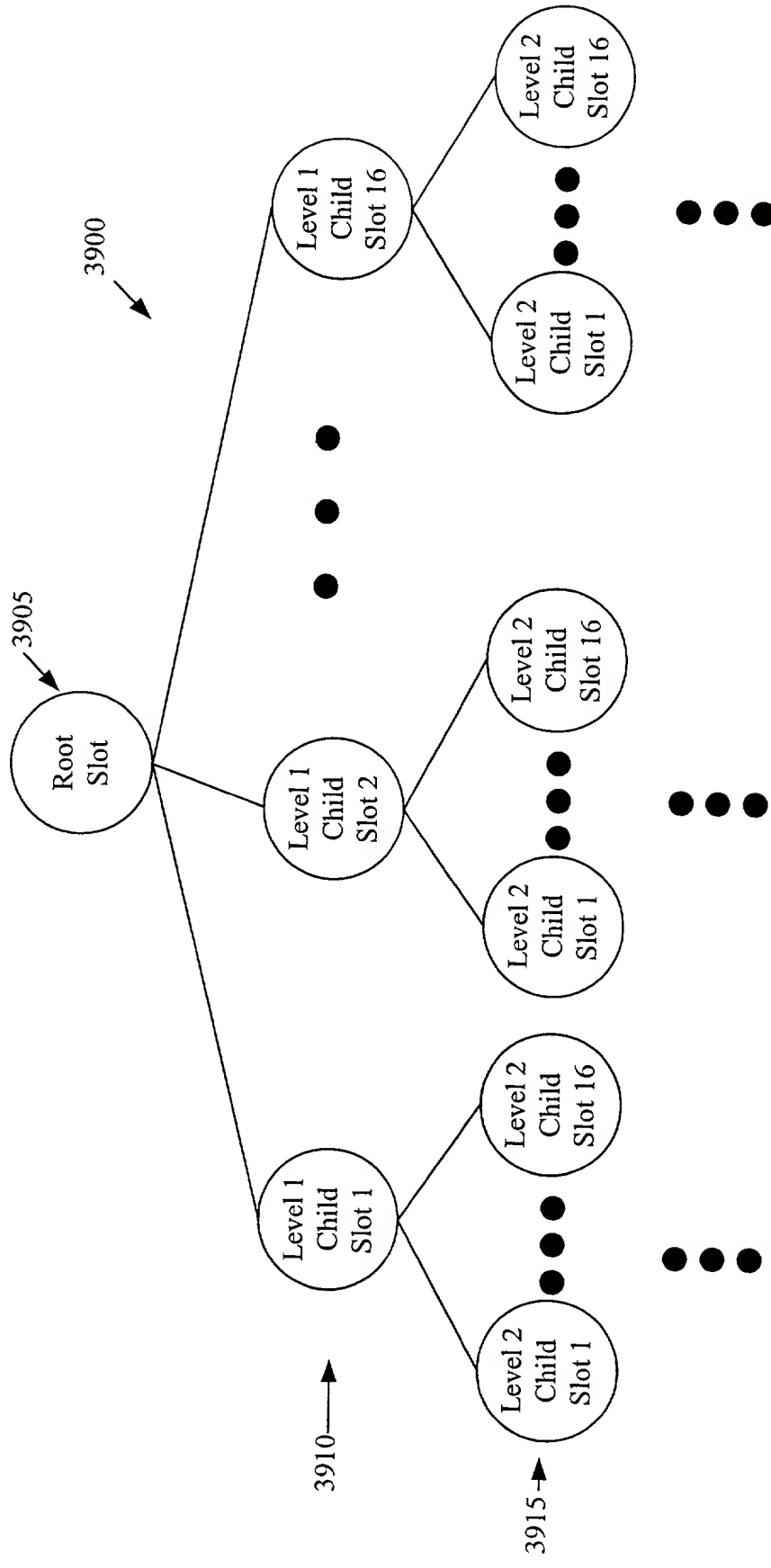


Figure 39

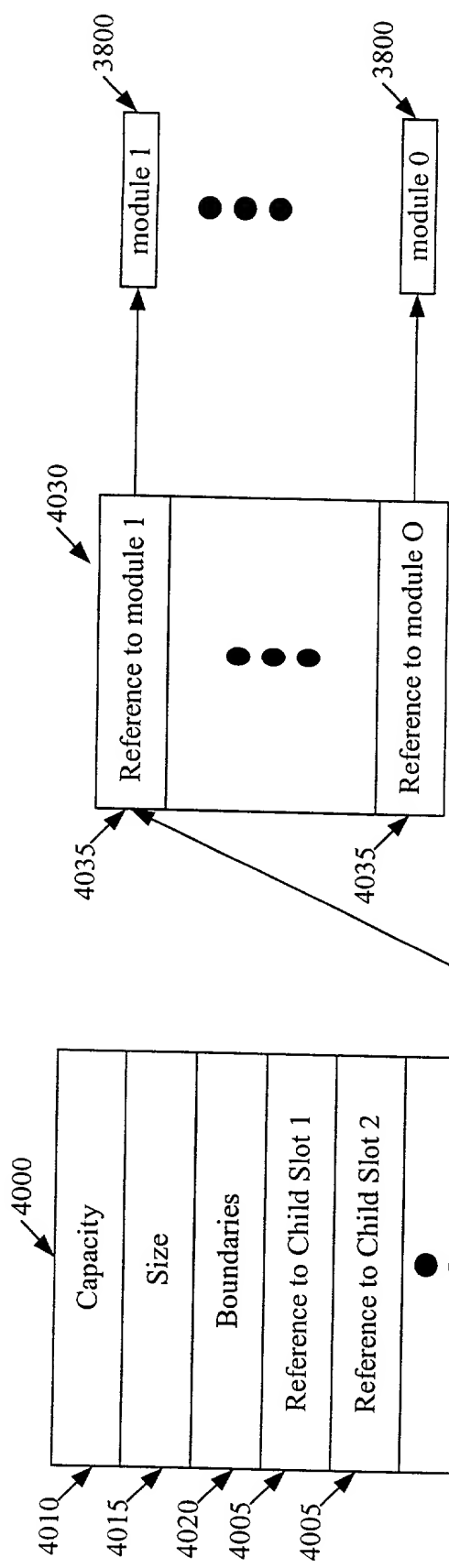
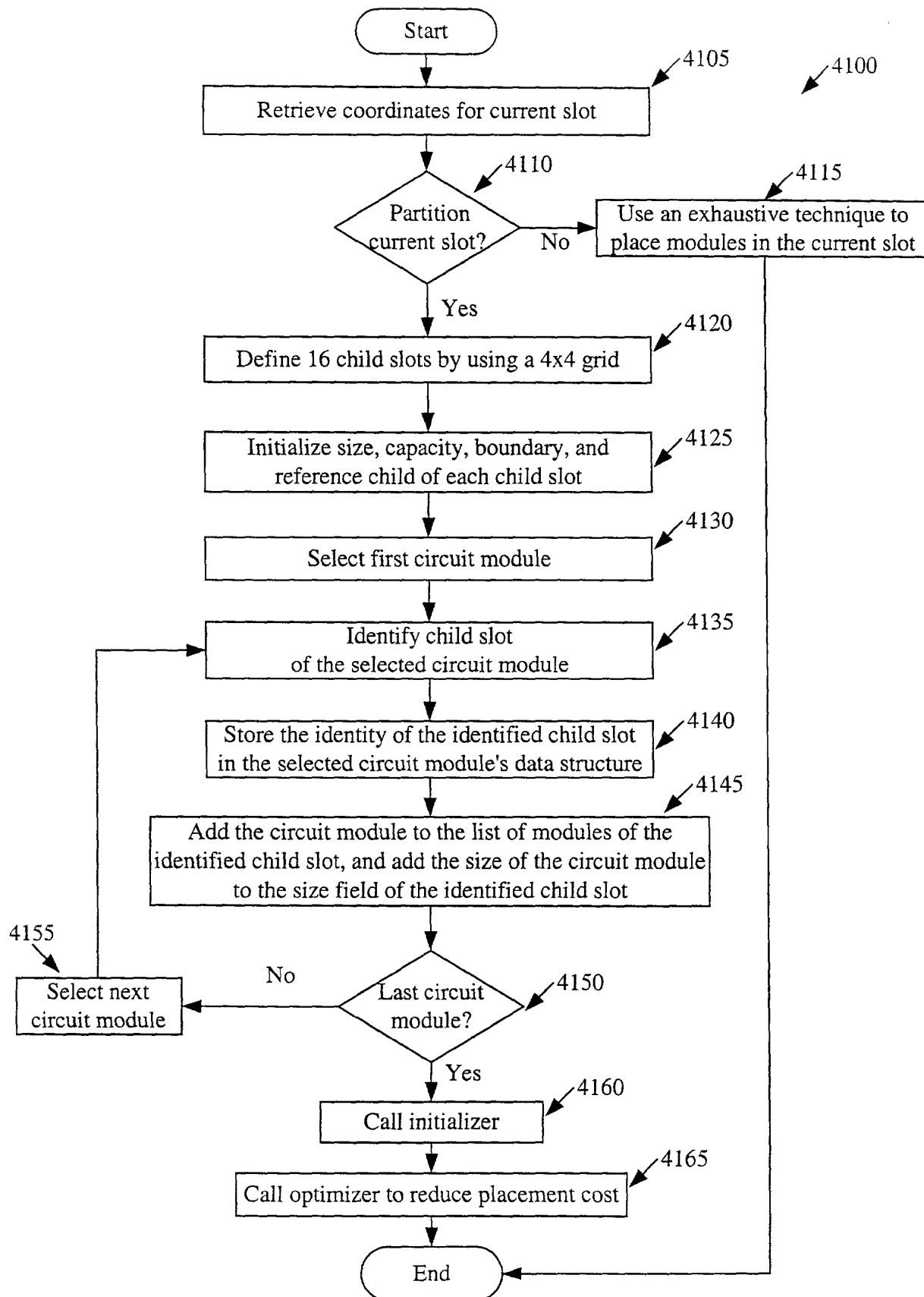


Figure 40

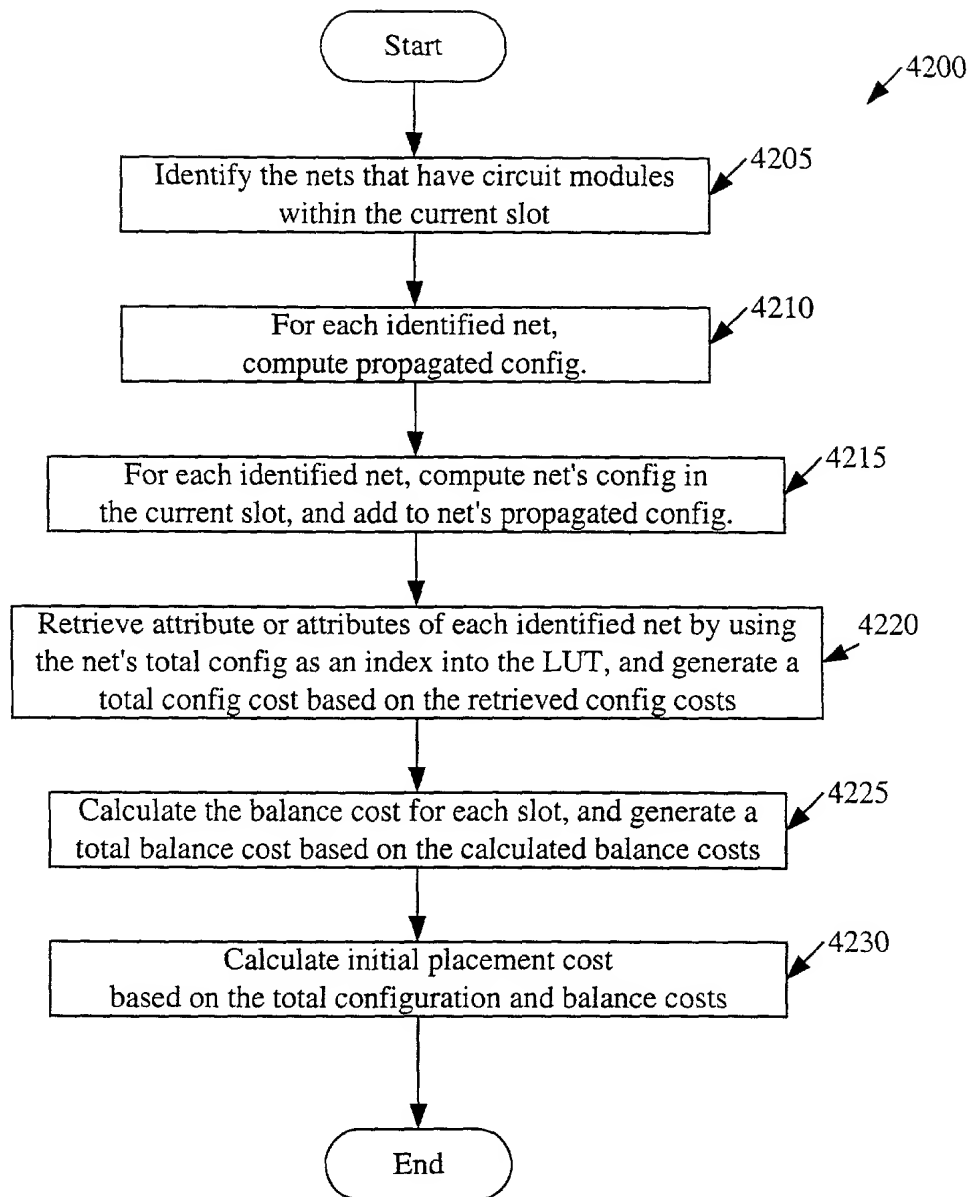
4300

Data Structure =  $\left[ \sum_{net} F(netconfig, path1), \sum_{net} F(netconfig, path2), \sum_{net} F(netconfig, path3), \dots, \sum_{net} F(netconfig, path42) \right]$

Figure 43



**Figure 41**



**Figure 42**

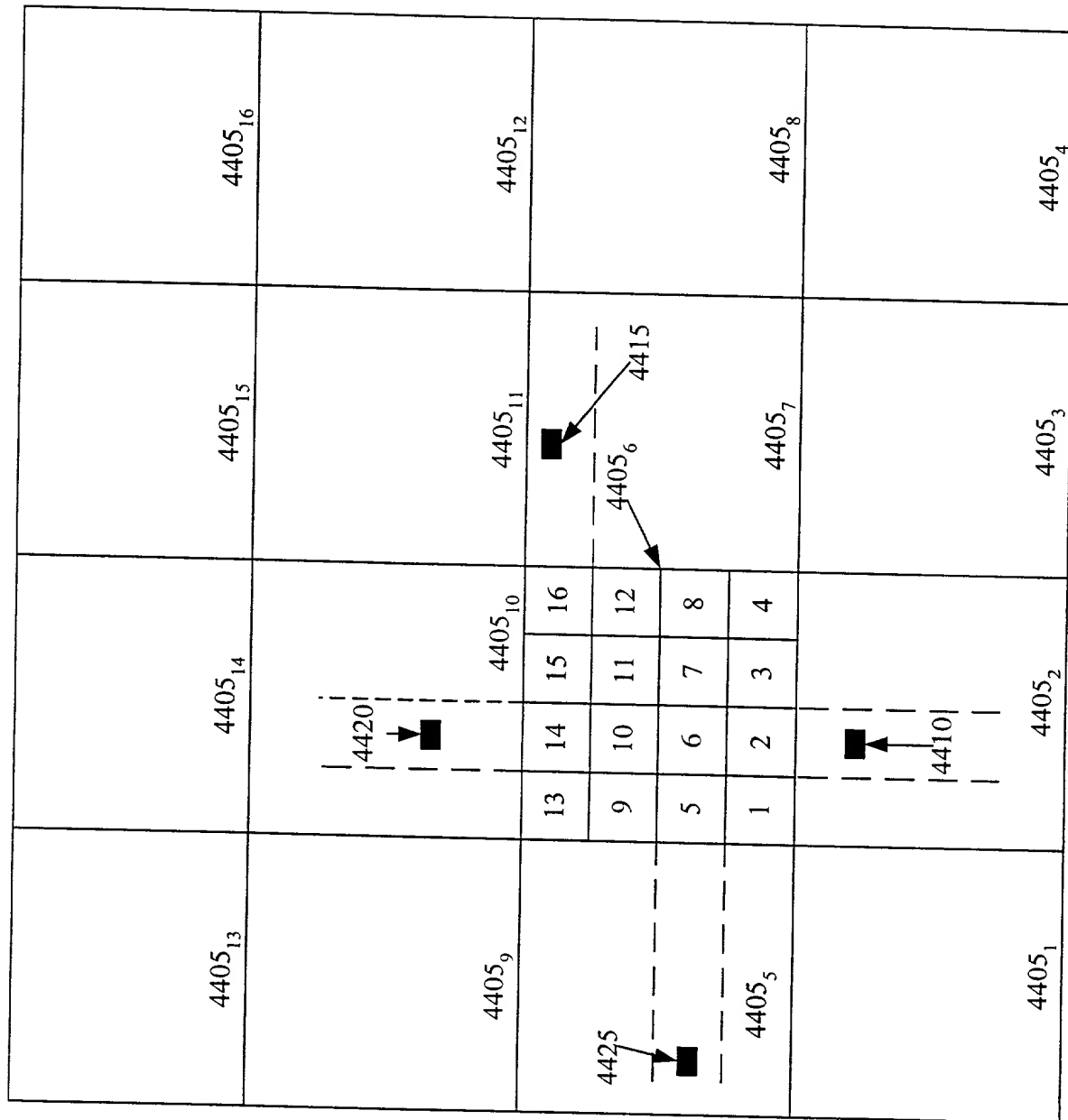
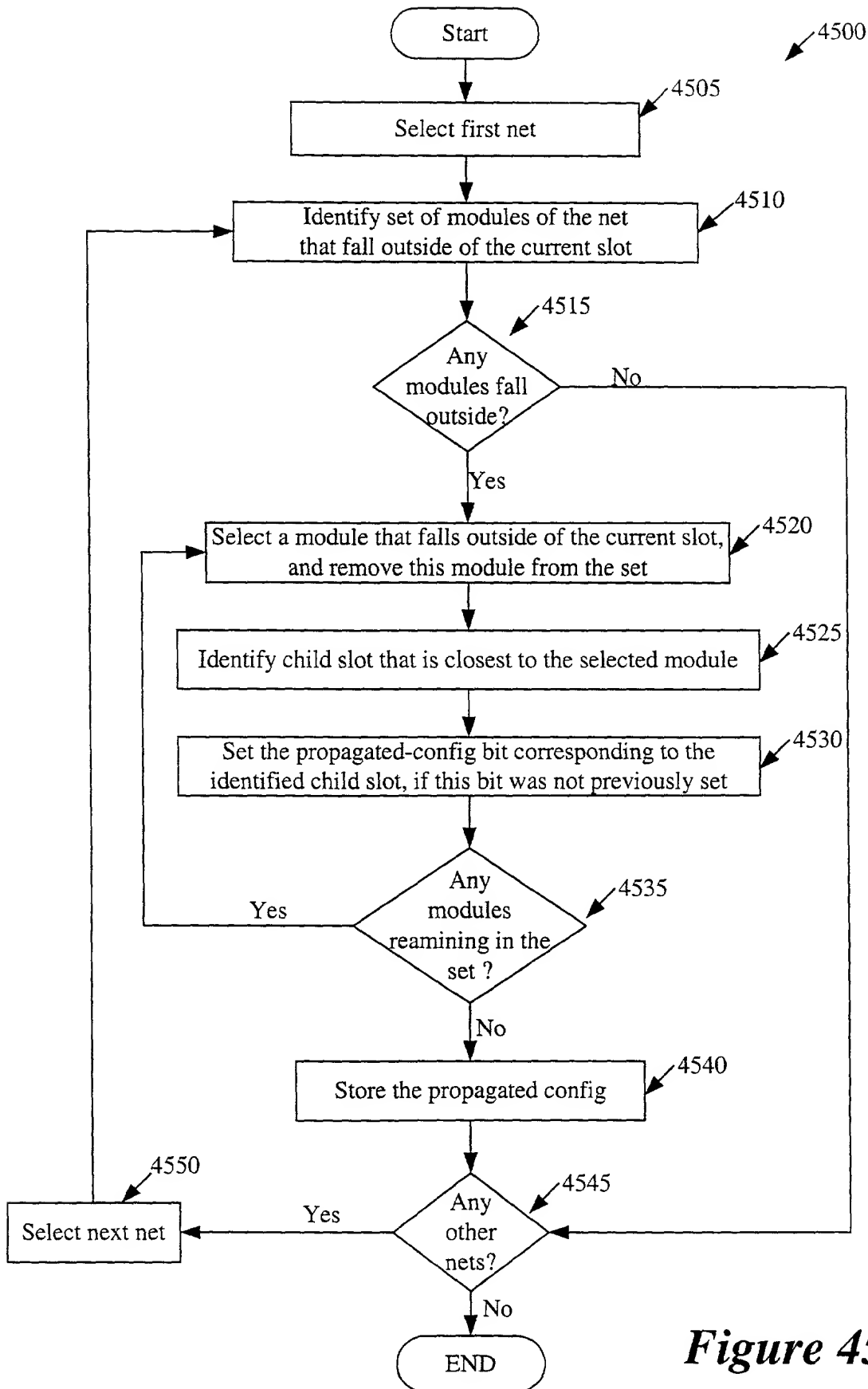
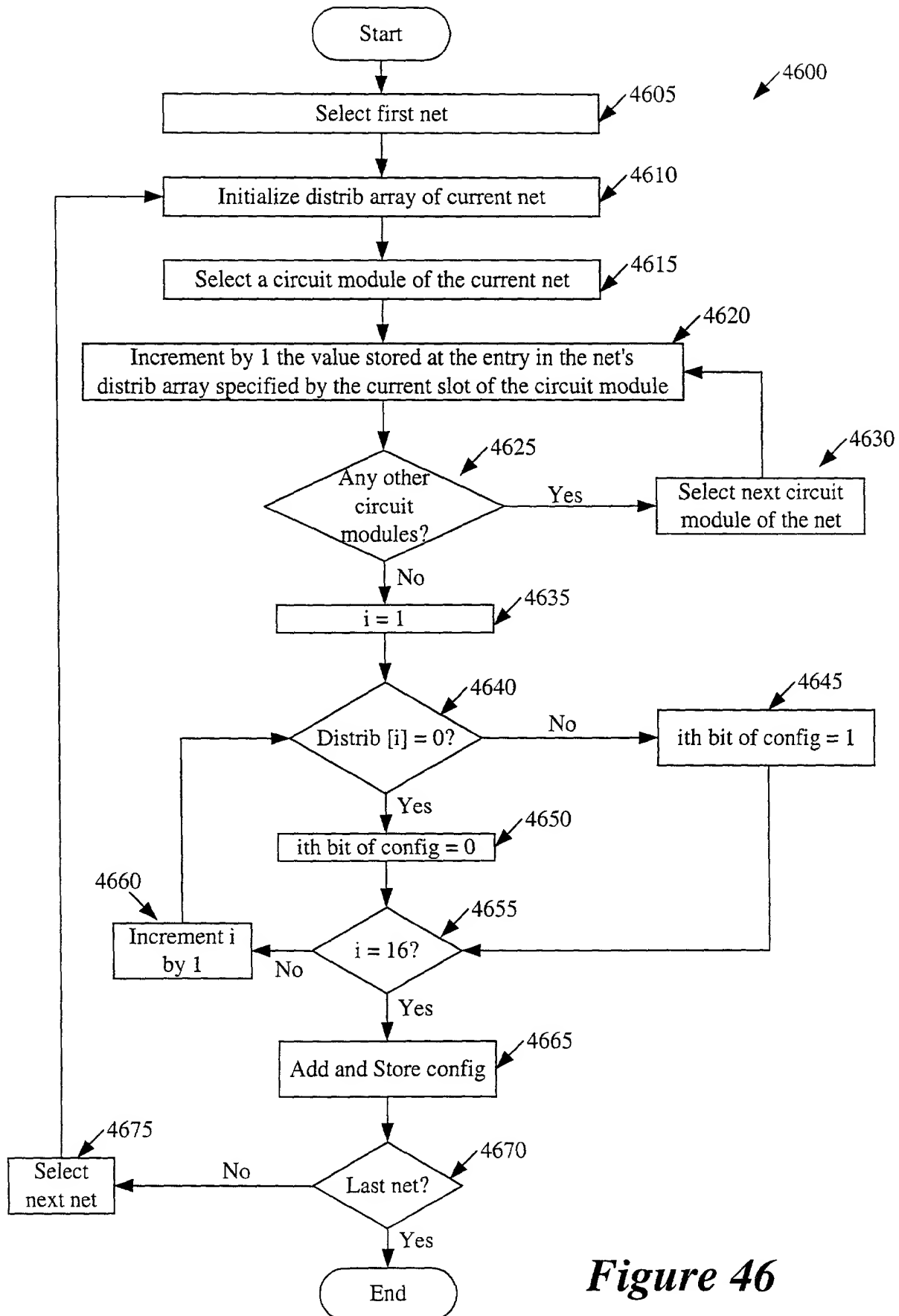


Figure 44

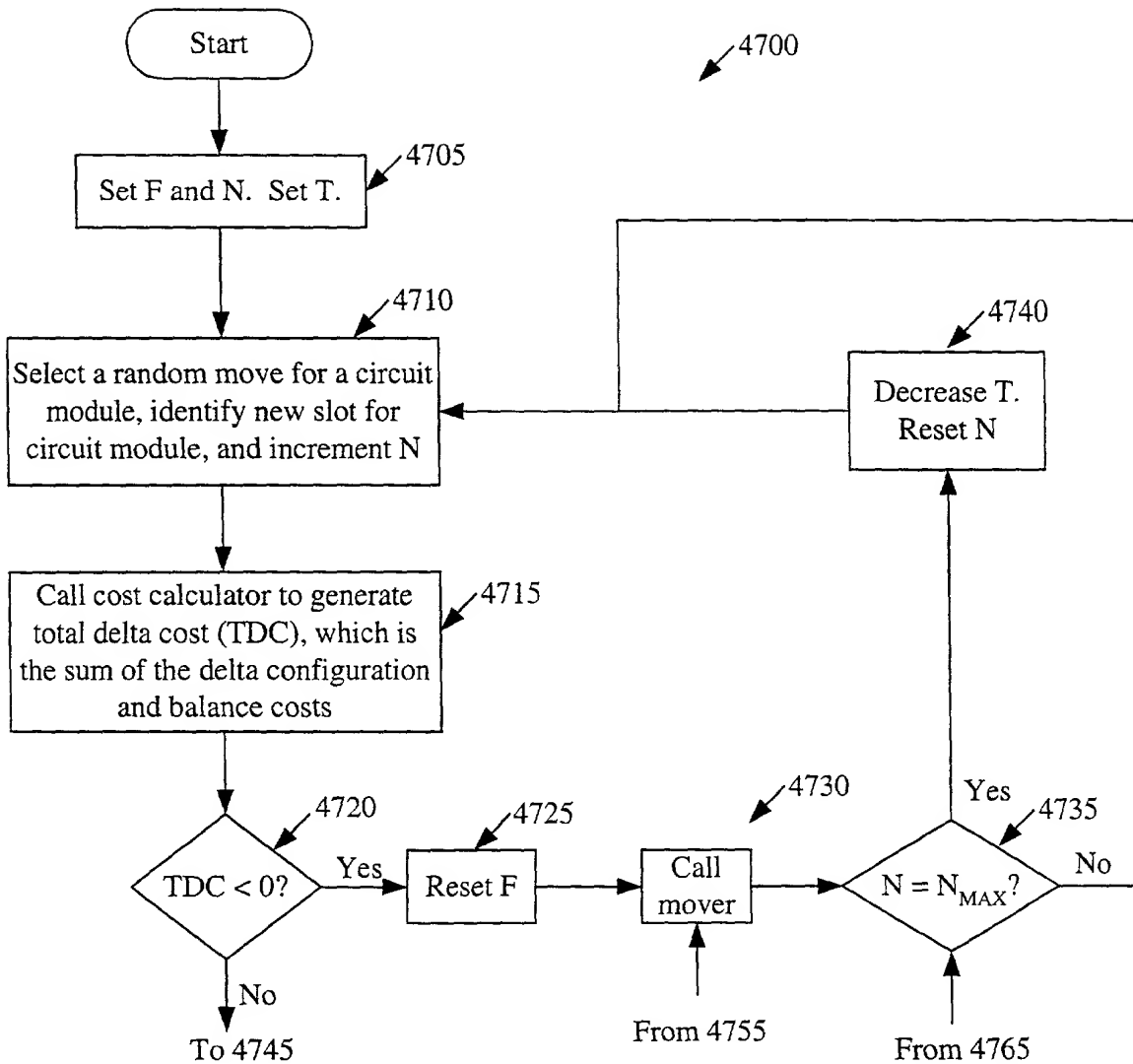




**Figure 45**

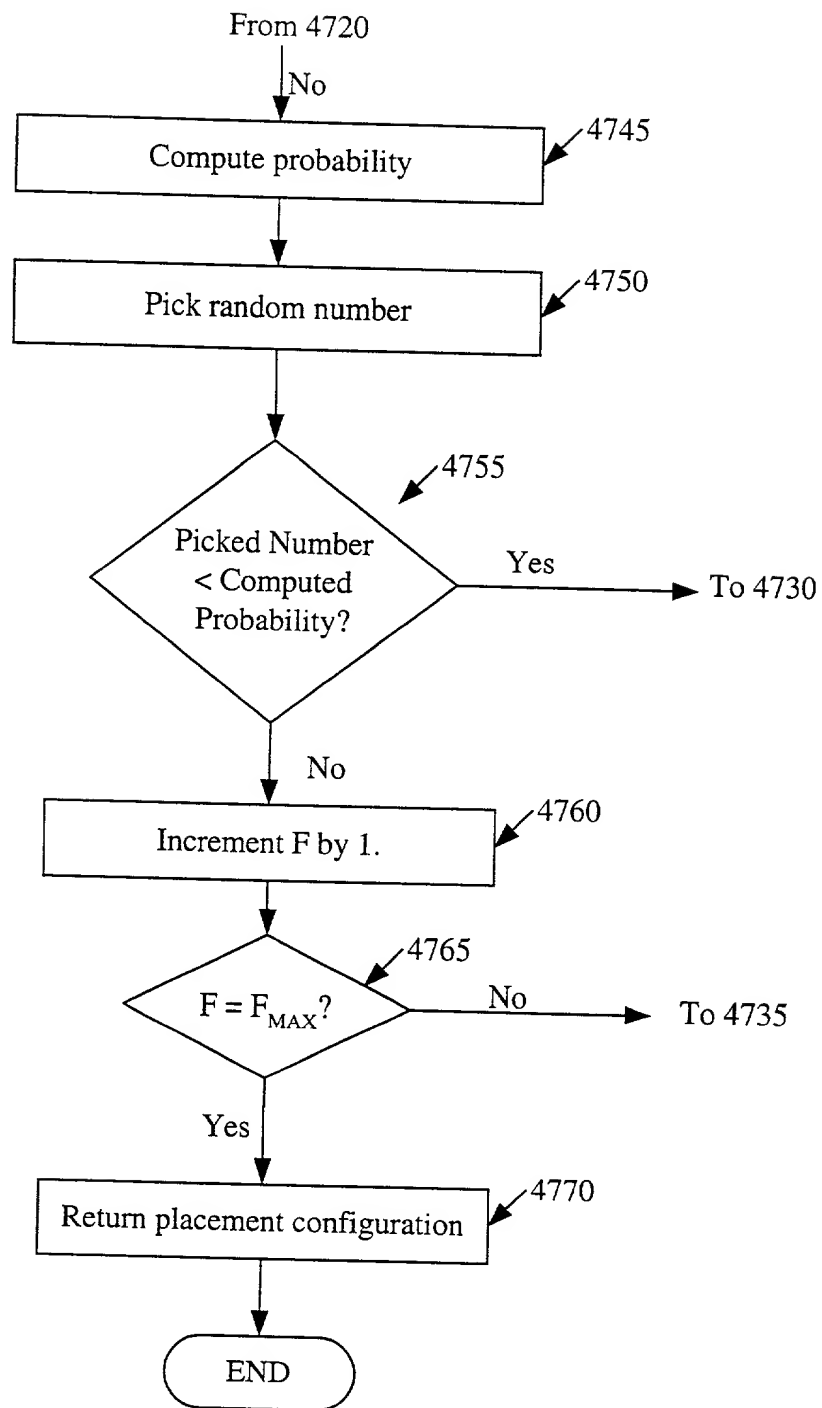


**Figure 46**

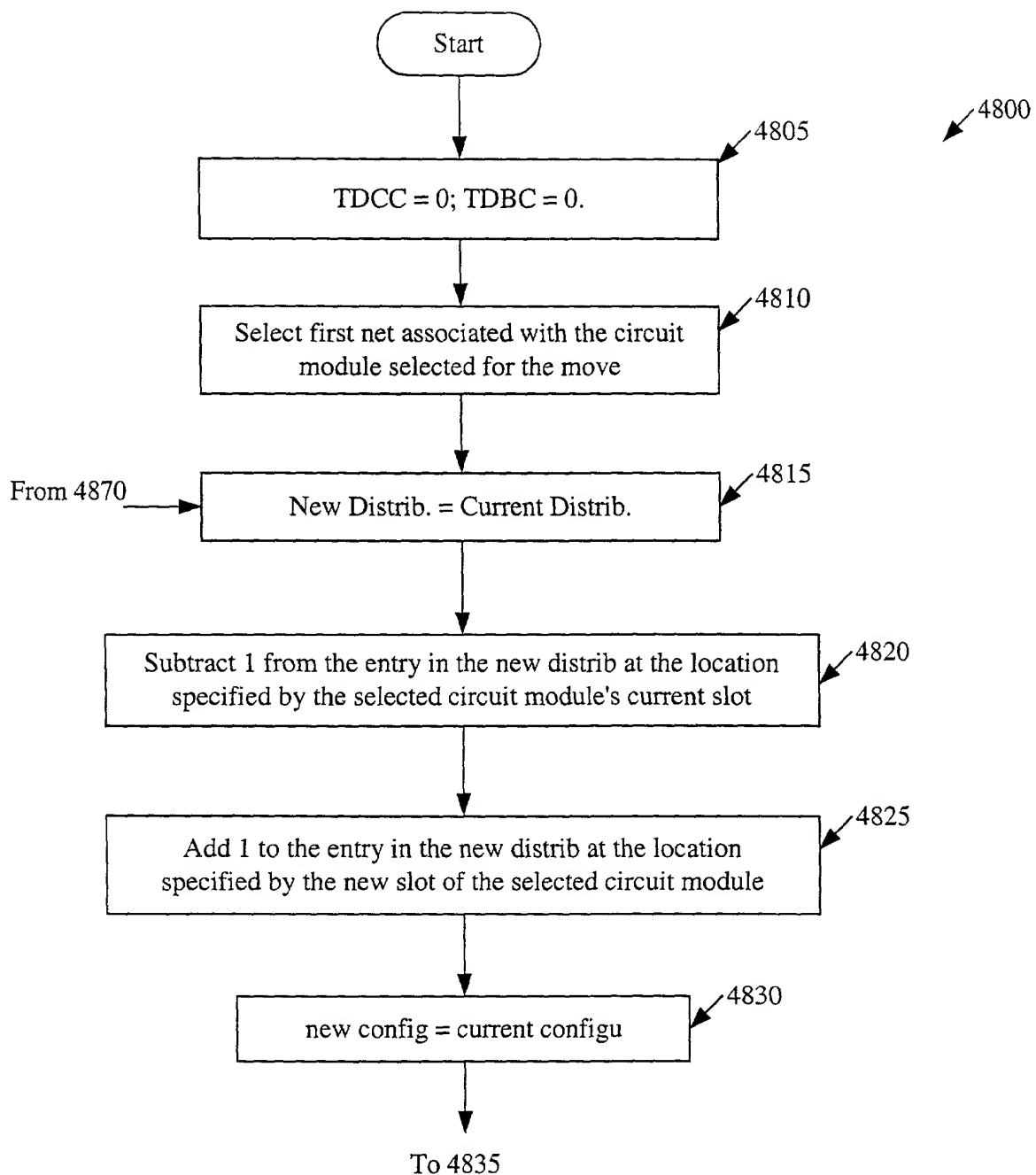


**Figure 47A**

**Figure 47:**  $\frac{\text{Figure 47A}}{\text{Figure 47B}}$

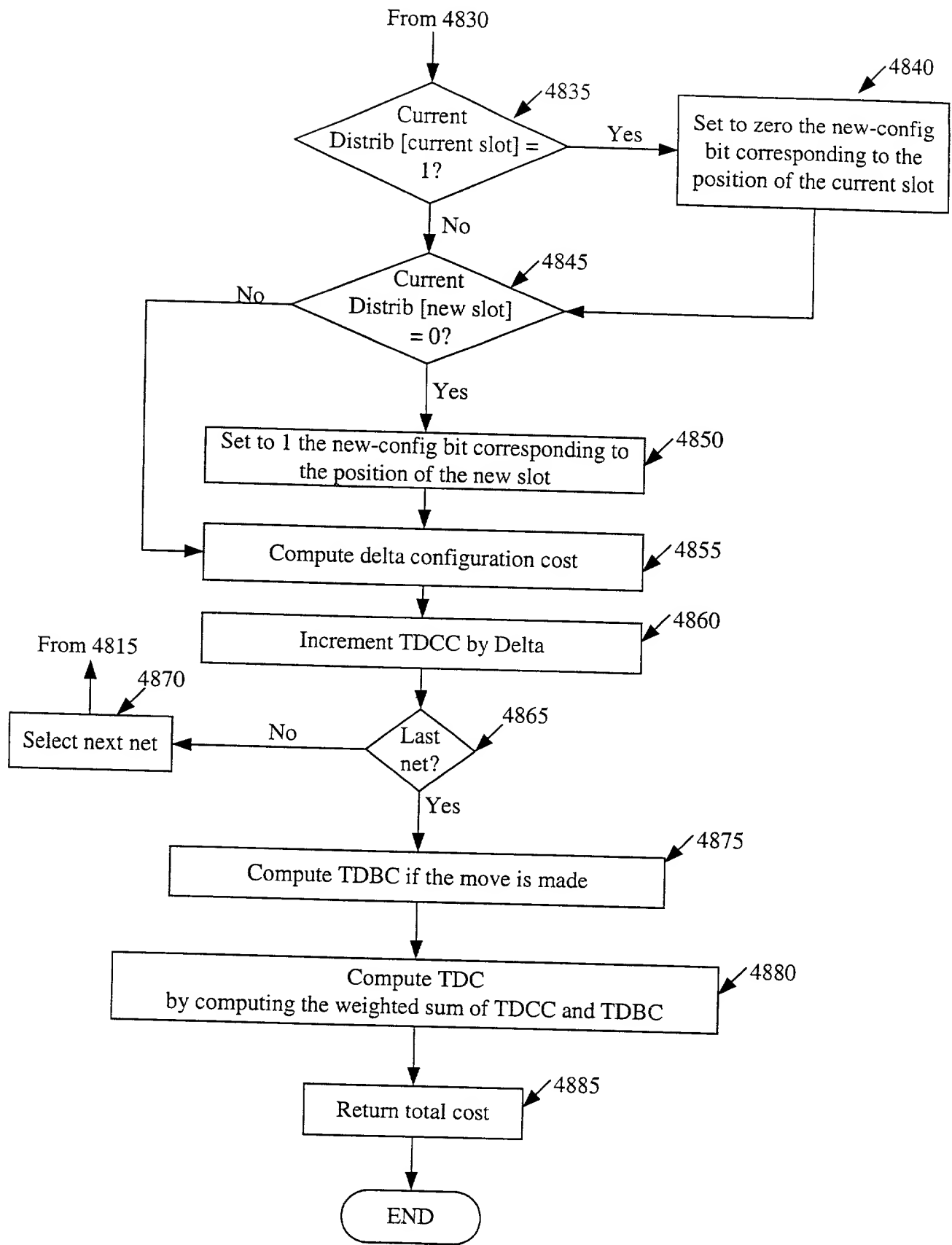


**Figure 47B**

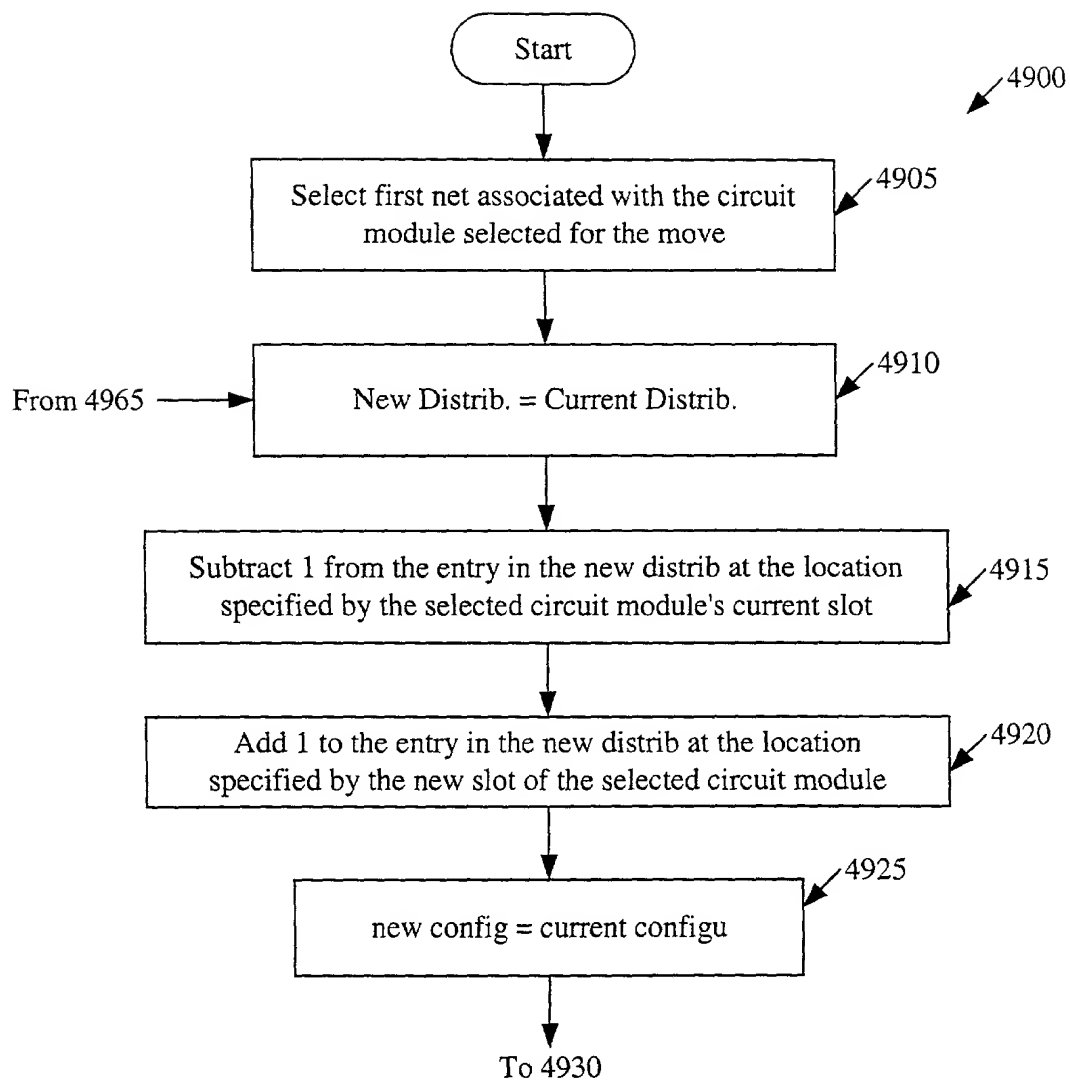


**Figure 48A**

**Figure 48:**  $\frac{\text{Figure 48A}}{\text{Figure 48B}}$

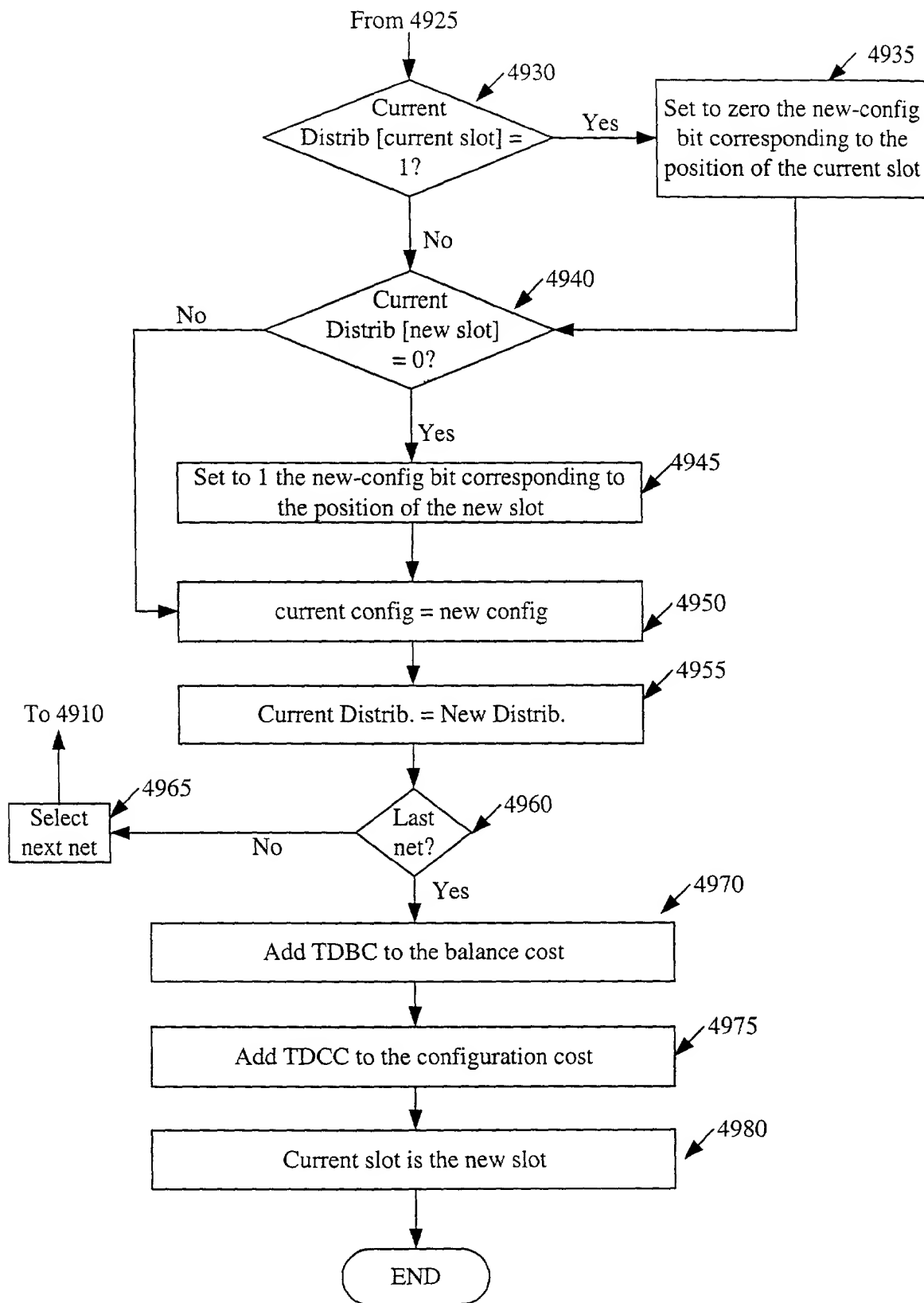


**Figure 48B**



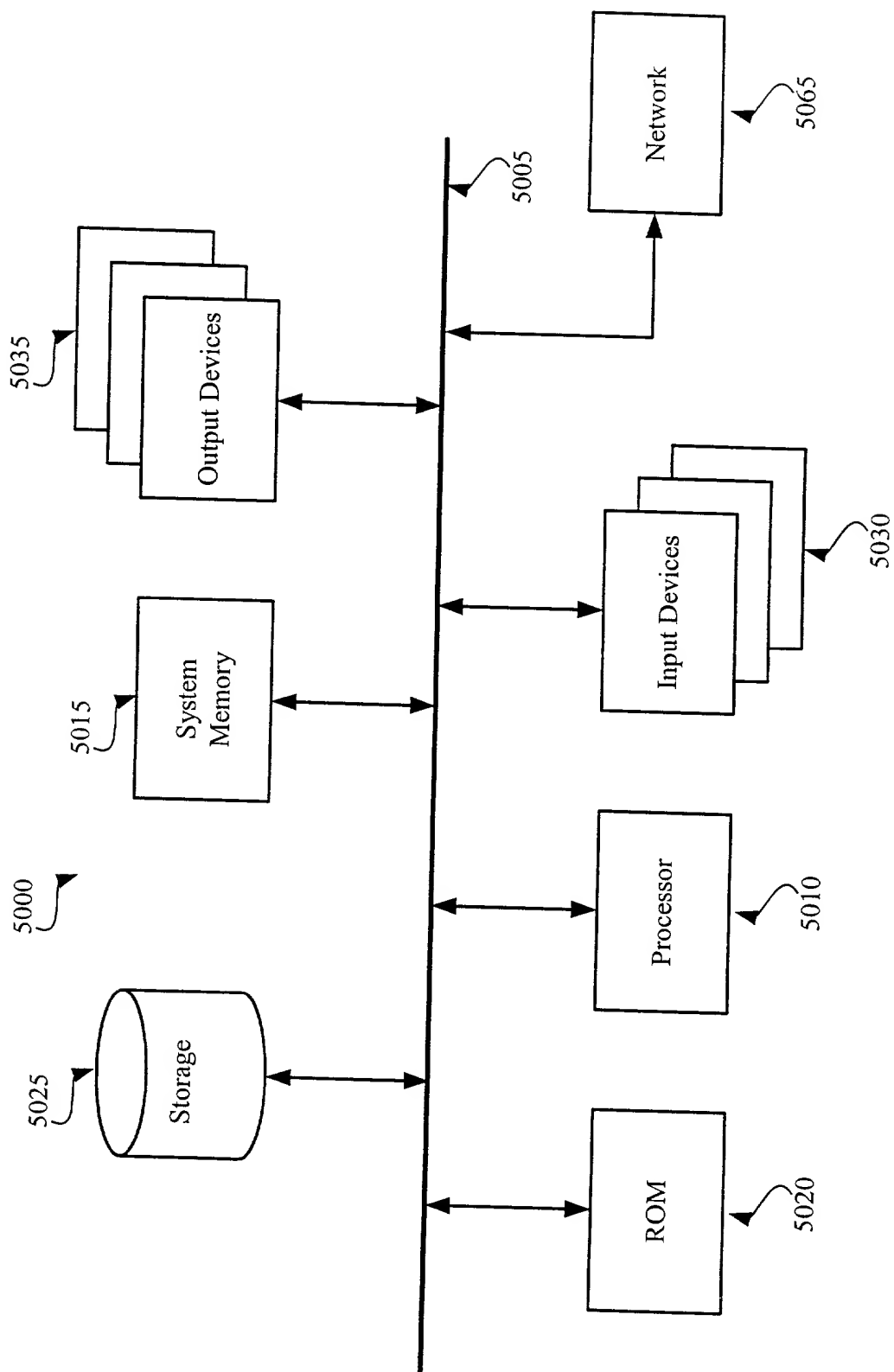
**Figure 49A**

**Figure 49:**  $\frac{\text{Figure 49A}}{\text{Figure 49B}}$



**Figure 49B**





*Figure 50*